

## Private



Name: J.A. van Oorschot  
Place of residence: The Hague  
Mobile: +31-6-42606282  
Email: [josvanoorschot7759@gmail.com](mailto:josvanoorschot7759@gmail.com)  
Gender: Male  
Nationality: Dutch  
Date of birth: 07-07-1959  
Place of birth: Groningen

In addition to my work as an IT consultant and coach, I am actively involved in game development and 3D modeling, using tools such as Blender 3D, Substance tools, and Unreal/Unity. I also write various books; some of my works include “Ignite Your Inner Fire, A Journey to Passion and Purpose.” I am currently working on a new book entitled “Deep Dive into Docker” which will be published this summer. This authorship allows me to combine my passion for technology and creativity.

I am also an enthusiastic and driven artist and create many paintings, mainly inspired by Dali, and finally, I enjoy reading thrillers, both of which help me to relax and discover new perspectives. In addition, I spend a lot of time in nature, especially on my bike or on my SUP board, where I can enjoy the fresh air and my surroundings. These activities contribute to my overall well-being and creativity.

## Training / courses

MEAO / HAVO / VWO

AMBI: <http://www.ambi.nl>

TIBCO Systems Inc.: <http://www.tibco.com>

TIBCO Bootcamp developer training in Palo Alto (California, USA):

TIBCO BPM, process, BW, TIBCO RV, IM, Custom Adapters, HAWK development, SOA Architectures

AWS: I am currently working on the AWS Solution Architect and AWS Developer certifications, which are essential for my further development within cloud technology.

OMNICOM: X400, X25, OSI Model and Advanced Software Development C++

Winsummit 2000 Technical Microsoft seminars in Davos (Switzerland), October 2000

Languages: Dutch, English, (Swiss) German fluent, and beginner-level Spanish

## Experience

### DevOps

As a DevOps engineer, I have gained extensive experience in setting up, programming, bash scripting, and managing virtual environments.

My expertise lies mainly in using Vagrant and VirtualBox to create test environments. In addition, I have experience implementing container platforms, using tools such as Docker, Docker Compose, as well as SUSE Rancher and RHEL OpenShift Kubernetes, which are essential for managing containerized applications. All of this can run in an (AWS) cloud environment or simply in an on-premises environment, which contributes to the flexibility and scalability of the solutions I provide.

I also have broad experience with Continuous Integration and Continuous Deployment (CI/CD) processes, mainly using GitLab CI/CD, Jenkins, Git, and Ansible. These tools enable me to create automated pipelines that significantly increase the efficiency of software development. In addition,

I have worked with AWS managed CI/CD solutions, including CodeCommit, CodeBuild, CodeDeploy, and Pipelines, which further strengthens my knowledge of cloud-based solutions. Optimizing these processes is crucial to the success of modern software projects.

I also have considerable experience in setting up technical infrastructure using modular Ansible and Terraform scripts. This enables me to implement infrastructure as code, ensuring repeatability and efficiency in managing cloud resources. The use of Terraform and Ansible facilitates the provisioning and configuration process, allowing me to respond more quickly to project needs. This approach is of great importance in today's cloud-driven world.

## AWS Solution Architect/Developer and Coach

Extensive experience with the AWS Cloud as an architect and developer, especially in the area of serverless development using the AWS CDK (TypeScript). I have extensive experience with the most essential AWS services, including IAM, EC2, ECS (Fargate), S3, DynamoDB, API Gateway, VPN, Route 53, Elastic IP, Auto Scaling Groups, Lambdas, SQS, SNS, Kinesis, and Elastic Beanstalk. These services form the basis of my architectural choices and enable me to build robust, scalable, and secure applications. The use of these services not only promotes the efficiency of the development processes but also the performance of the final applications. My experience with these tools allows me to apply best practices in cloud architecture, which is crucial to the success of any project.

## Tibco (Products and tools) and Java

With more than 15 years of experience in Tibco SOA middleware, I use tools such as Tibco iProcess, BusinessWorks, Managed File Transfer, the ActiveMatrix Suite (Service Grid), ActiveSpaces, SDK, Administrator, HAWK, and the TCP/IP-based transport protocols RV and EMS (JMS). This experience has enabled me to design and implement complex integration solutions that meet the needs of various clients. Working with Tibco products has enabled me to create effective and scalable middleware solutions that are crucial to the success of modern business processes.

## Full-Stack (Front and Back end)

I have extensive experience in designing a complete Angular (2–10) component structure. This includes domain components, visual components, and services, as well as optionally implementing an NGRX store.

Developing a well-structured front end is essential for the user experience and the performance of applications. My experience in Angular enables me to create modern, responsive web applications that meet end-user needs.

In addition, I have extensive experience with Node.js as a back-end technology, including building REST (micro)services. The use of Node.js offers a flexible and efficient way to implement back-end logic, which is essential for developing modern web applications. This experience enables me to manage the full stack of an application, resulting in seamless integration between front end and back end. This allows me to develop robust and scalable applications that perform well under various conditions.

The above activities have been carried out both in regular environments and in Docker environments. This provides an additional layer of isolation and consistency, which facilitates the development and deployment of applications. Frequently used tools, languages, and principles in this environment include Java, JBoss, J2EE, Spring tools, Node.js, Python 3.x, REST (micro)services, JSON, Hibernate, Java and TypeScript, jQuery, Angular 2–10, HTML5, CSS, XLT, Sass, Grunt, Gulp, and Bootstrap. This broad knowledge and experience enables me to work effectively with different teams and technologies and to develop solutions that meet customer needs.

When working on projects, I use various back-end database systems, including Oracle, SQL Server, MySQL (relational databases) and MarkLogic (XML Documents) , DynamoDB/and

MongoDB document-based databases). This experience enables me to select and implement the right database solutions that fit the specific needs of each project. Understanding the different database architectures and their applications is crucial for the success of modern web applications. My expertise in these areas enables me to implement optimizations that improve the overall performance of applications.

## Projects

*End of 2025 – Present (NTCS) The Hague*

I am currently involved in performing a Rancher Kubernetes review for the Aruban telecom operator. This is a short project and runs in parallel with the project described below, which enables me to combine and refine my skills in different areas and also incorporate them into my book on containerization. The review process includes analyzing the current infrastructure and recommending improvements for a more efficient use of Kubernetes.

*June 2025 – Present (Dutch Government KOOP/Logius Government Publications) The Hague*

As a TAB/DevOps engineer, I am responsible for designing and developing new Ansible project architecture with playbooks, roles, and collections for MarkLogic. This role requires in-depth knowledge of automated deployment and infrastructure management. In addition, I maintain all ODC Noord Windows and Linux VMs at Logius/KOOP, using various (open) VPNs for secure connections.

I am also involved in the deployment of the LVBB application on RHEL OpenShift Kubernetes clusters. This implies that I work with GitLab repositories within KOOP/Logius to ensure integration and collaboration. Setting up an OTAP and build pipeline with GitLab, using GitLab CI scripts for deployments, is an important part of my responsibilities.

I have set up a MarkLogic 3 multi-node cluster with 2 DB nodes and a load-balancer node, both in a container environment and on the ODC Noord Linux VMs. As backup MarkLogic DBA, I am responsible for maintaining and tuning these databases, which is essential for the performance and reliability of the applications running on them.

*June 2024 – 2025 (Dutch Government DUO – Education) The Hague*

As a DevOps engineer, I performed various tasks, such as designing and developing new Ansible project architecture with playbooks, roles, and collections. This architecture enables the team to implement automated processes that increase development efficiency. Working with the database tool Liquibase enabled me to effectively research and test Liquibase on the DUO Oracle databases from a Red Hat OpenShift/Kubernetes environment.

The Liquibase Docker image described above was deployed on OpenShift Kubernetes using Helm charts and ArgoCD. This requires a good understanding of both Docker and Kubernetes technologies to ensure smooth integration. In addition, I wrote Python functionality to export all DUO repositories into a zip file, which can be configured regarding which directories and files should be included.

Exporting the repositories results in a zip file that contains all DUO code (Java, Python, C#, etc.), which is processed by SonarQ and Sigrid based on the programming standards used. Furthermore, I created GitLab templates and used them in GitLab CI/CD pipelines to improve the consistency and efficiency of the development process. The use of Python and R linters in the GitLab CI/CD pipelines helped to check the Python and R code of specific departments, contributing to the overall quality of the software.

I also worked with scripts in multi-pipelines (Jenkins + GitLab) for deploying applications. This

approach makes it possible to create a streamlined process in which multiple tools and technologies are effectively integrated. I gained a great deal of experience with various linters for Python, Ansible (YAML), and Docker, which is essential for ensuring code quality. Tools I used in these projects include Java Spring, Python, Groovy, OpenShift Kubernetes/Docker, Helm charts, ArgoCD, GitLab CI/CD and Jenkins, Artifactory, Sigrid and SonarQube, and Jira. These tools are crucial for efficiently and effectively managing software development and deployment processes.

#### *August 2023 – 2024 (Dutch Government) The Hague*

As a DevOps engineer, I am responsible for working on the Gezag, Bewind, and Curatele Java Spring applications. These applications are used by various service providers in the Netherlands, such as the police, hospitals, foundations, and the Tax Authority. All these applications are based on Java Spring (MVC) web and REST services and run in Docker containers within a Kubernetes RHEL OpenShift environment.

I implemented a framework using Helm charts to deploy the Java Spring applications as Docker images on a Kubernetes platform, with Harbor acting as an intermediate registry. This allows us to manage and scale the applications efficiently, which is essential in a production environment. All deployments are triggered by GitLab CI/CD pipeline scripts, which further increase the speed and efficiency of the development process.

In addition, I wrote various developer guidebooks describing how to set up and use a complete containerized environment. This promotes knowledge transfer within the team and ensures that new team members can get up to speed quickly. A deployment guide on OpenShift Kubernetes/Docker, Helm charts, and how these are used at Logius was also developed to support the team in their daily activities.

I wrote a handbook with all the information needed to quickly onboard a new employee (developer, DevOps, etc.) into Logius's technical environment. This handbook provides essential guidelines and procedures needed to ensure a successful start.

Tools I used in these projects include Java Spring, Docker and Kubernetes (OpenShift), Helm, Harbor registry, GitLab CI/CD, and office products such as Visio. These tools are crucial for efficiently and effectively managing software development and deployment processes.

#### *August 2022 to the end of February 2023 Fugro Leidschendam*

As a Linux Rancher Kubernetes (RKE2) / Docker engineer, I set up the Kubernetes framework for Fugro. This included installing, configuring, and connecting physical Kubernetes clusters on ships to the Rancher Kubernetes cluster manager in the Microsoft Azure and AWS cloud. Terraform was used as the Infrastructure as Code (IaC) tool to automate these processes. I developed a special Linux Ubuntu ISO builder tool that allowed Rancher Kubernetes to be installed on the ships from a USB stick. This was necessary because of potential network connectivity issues (air gap), which is an important consideration when working in such environments.

Furthermore, I wrote complete Rancher Kubernetes documentation for Fugro, explaining how to implement Rancher Kubernetes worldwide, both on ships at sea and in the AWS and Azure cloud. This document is a valuable resource for teams involved in implementing these technologies.

I collaborated with the American SUSE Kubernetes partner Redapt to improve the implementation processes and share best practices. This collaboration enabled me to bring new insights and methodologies into the project.

The most used tools in these projects were RKE2 (Rancher/Kubernetes), Docker, Terraform, and Ansible in a Linux Ubuntu environment, as well as Microsoft RDM to access all Linux servers. The use of these tools is crucial for effectively managing complex infrastructures and ensuring the availability of critical systems.

*2021 August to the end of February 2022 Van Ameyde Group Rijswijk*

As an AWS architect/developer for the Van Ameyde Group, I designed and developed the AWS architecture. Most of this architecture was set up serverless, where I generated the required CloudFormation templates using the AWS CDK (TypeScript). This approach makes it possible to manage and scale the infrastructure efficiently.

In addition, I connected external insurance companies to the Van Ameyde AWS architecture via AWS Gateway with Lambda, HTTP, and VPC Link back-end integration. This ensures that the various systems can communicate effectively with each other, which is essential for operational efficiency.

A Document Management System (DMS) was connected to AWS via an ECS Fargate cluster with DMS Docker containers. This facilitates the management and access to documents within the organization, which promotes productivity.

I ensured that many private REST APIs, such as Basic Administration, Policy Domain, etc., were made accessible via OpenAPI and AWS Gateway. This is crucial for exposing functionality and data to other systems and applications.

Key AWS services within this architecture are IAM, VPC and related services, DynamoDB, API Gateway, Lambdas, SNS/SQS, CloudWatch, and Cognito. These services form the backbone of the architecture and are essential for the security, scalability, and performance of the solution.

*2018 October – June 2021, DICTU Ministry of Economic Affairs The Hague*

As a DevOps engineer, I took on the management of a large part of the Linux machines in the Holmes domain. My responsibilities included Linux administration (RHEL 7 and 8), where I carried out the installation and deployment of software on various remote Linux servers using the IaC tools Terraform and Ansible.

I created Ansible playbooks, roles, etc., using various Ansible modules and principles. This contributed to standardizing and automating processes within the organization, which increased efficiency.

In addition, I set up a modular Terraform platform, which makes it possible to implement infrastructure as code. This ensures a consistent and repeatable approach to managing cloud resources.

I set up Linux Selenium servers and managed the communication with the CI Jenkins server via SSH, initially using Linux bash scripting and later Ansible playbooks and roles. This approach provides a streamlined CI/CD pipeline, which is essential for deploying applications quickly and reliably.

Furthermore, I worked on setting up a containerized environment with Docker/Docker Compose and Kubernetes within an AWS environment for the benefit of the CI/CD pipelines and internal communication between various applications, tools, and software. This approach promotes the flexibility and scalability of the development processes.

I also have experience with AWS managed CI/CD solutions, including CodeCommit, CodeBuild, CodeDeploy, and Pipelines. These tools enable me to create automated workflows that significantly increase the efficiency of the development process.

My experience also includes AWS CloudFormation for serverless development with AWS CDK

in Python, TypeScript, and C#. In this context, I worked with the boto Python AWS library. Key AWS services I used are DynamoDB, Lambdas, SNS and SQS, API Gateway. These services are crucial for developing robust and scalable applications.

In addition, I managed various applications in the Holmes domain, further strengthening my experience in working with complex systems.

#### *2018 (Jan – Aug) DUO (The Hague) Web Full-Stack Developer and DevOps engineer*

During my time at DUO, I worked on the front end with ASP MVC/Core, Angular 2–6, JavaScript, HTML5, CSS, and Bootstrap. This experience enabled me to master a wide range of front-end technologies, which are important for developing modern web applications.

I also developed and refactored iProcess procedures for DUO and worked on the middleware interface between the front and back end, using message queues and an event bus. This contributed to improved cooperation between the different layers of applications.

Designing the entire infrastructure and developing a CI/CD platform for DUO regarding Tibco iProcess and the .NET ASP MVC front end was another important aspect of my role. In doing so, I used tools such as Jenkins, PowerShell, and Artifactory to ensure a streamlined development process.

I developed and further optimized iProcess procedures to improve workflow efficiency. This experience enabled me to gain a deep understanding of the processes and systems needed for effective application development.

New technologies: I spent a lot of time further building my knowledge, especially in front-end technologies such as ASP MVC and Core, Angular, React, Vue.js, and the Material Design for Bootstrap Library (MDB). This continuous learning process enables me to stay up to date with the latest trends and developments in technology.

#### *2017 National Archives (The Hague) Web Front-End / Full-Stack Developer*

As a full-stack developer, I implemented core JavaScript components to support the architecture of the National Archives. This led to an improved user experience and functionality of the archive website.

In addition, I built a complex search and rendering mechanism using the Elasticsearch engine. This contributed to faster and more efficient access to information within the archive.

I was also responsible for maintaining existing functionality of the National Archives websites, using Angular 2–6, CSS/Sass, and Bootstrap. These responsibilities required a thorough understanding of the technologies used and the ability to make changes without compromising the user's experience.

Implementing RESTful services in the National Archives' back-end stack, as well as the routing mechanism for communication with external NA-related back ends (suppliers), was a crucial aspect of my role. For all back-end development, I used Java Spring and JavaScript, which ensured seamless integration between front end and back end.

I also worked on processing and filtering complex XML data structures (JSON) using complex algorithms. The ability to manage this data effectively is crucial to the overall functionality of the application.

Tools used included JavaScript, Angular, jQuery, and Java Spring tools for the back end. For web design, I used HTML5, CSS/Sass, and the Bootstrap library. I also used package managers such as Node.js and Webpack, and Git as a versioning tool for code management.

New technologies: I spent a lot of time further building my knowledge, especially in front-end technologies such as ASP MVC and Core, Angular, React, Vue.js, and the Material Design for

Bootstrap Library (MDB).

*2016–2017 (Jun 2016 – April 2017) DUO (Zoetermeer) Tibco iProcess BPM Consultant, Web Developer*

In this role, I worked on web applications using ASP MVC, Angular, JavaScript, HTML5, CSS, and Bootstrap. This experience enabled me to master a wide range of technologies, which is essential for developing modern web applications.

I designed and developed complex interfaces (event messaging model) and Tibco message queues for communication between the ASP MVC front end and the Tibco workflow engine. This led to improved interaction between the various systems and a more efficient work process. In addition, I worked on the development and refactoring of iProcess procedures for DUO and the middleware interface between the back end and the web front end. This contributed to the overall efficiency of the applications and workflows.

Developing the workflow between front end and back end using iProcess BPM and the .NET ActionProcessor was an important aspect of my role. This experience helped me gain a deep understanding of integrating different technologies and systems.

I developed web pages that were indirectly loaded by the workflow manager. This approach ensured seamless integration between the various layers of the application and contributed to the overall performance of the systems.

New technologies: I spent a lot of time further building my knowledge, especially in front-end technologies such as ASP MVC and Core, Angular, React, Vue.js, and the Material Design for Bootstrap Library (MDB).

*2015 Arval (Paris) Tibco / Java Consultant*

At Arval, I worked with Tibco BW, Tibco REST services, XML, XSLT, and CI tools (Maven, Ant, etc.). My role included developing BW/Java services related to Arval's car leasing business. In addition, I built Spring REST services that were used by Tibco and Java services. This experience enabled me to realize complex integrations and provide functionality that is essential to business operations.

*2015 ProRail (Utrecht) Functional SOA Architect*

At ProRail, I worked with Tibco BW, ActiveSpaces, XML, XSLT, XPath, J2EE, and Spring. My role as functional SOA architect required a deep understanding of architectural principles and the implementation of various technologies in complex environments.

## Further Projects

Throughout my career, I have been involved in numerous projects that highlight my skills in software development and system integration. Each project has provided valuable lessons and opportunities for innovation, ranging from designing complex architectures to implementing new technologies. My work often intersects with various methodologies and frameworks, enabling me to adapt to diverse environments and requirements. By focusing on collaboration and clear communication, I assure you that all stakeholders are aligned and that projects are delivered on time and within scope.

The most notable project I ever did was the development and design of MAVIM ( [www.mavim.nl](http://www.mavim.nl) ) as the first developer I designed and developed the first version of this workflow engine based on the ideas of Michiel Arens the Owner of the company, in that time called Jupiter.

Another notable project involved designing the Incident Management system for ProRail, including the XRef system and the gateway between two ESB domains. This project required a thorough understanding of both the technical and operational aspects of incident management to guarantee seamless integration across various platforms. By carefully analyzing the requirements and aligning them with the existing infrastructure, I was able to create a robust solution that improved incident response times and overall efficiency.

*In 2014, I worked at Deutsche Bahn in Frankfurt as a Tibco Architect and Java Developer*, where I contributed to the development of an intelligent planning system. The entire planning system was developed in Java and integrated via Tibco AMX, underscoring my proficiency in both Java development and Tibco integration. This system significantly enhanced Deutsche Bahn's planning capabilities, enabling more accurate schedules and better resource allocation.

While working at *Eneco in Rotterdam in 2013*, I focused on developing a comprehensive iDeal payment application based on the SEPA framework. This project involved implementing the latest Java Crypto and Security APIs to ensure a secure and efficient payment process between Eneco and ABN AMRO Bank. My work here emphasized the importance of security in financial transactions and the need for compliance with industry standards.

*From 2011 to 2013, I was involved in the DINN Connectivity Project at ING, where I served as a Tibco MFT consultant.* The goal of this project was to decouple various ING and NN systems, thereby improving interoperability and performance. My role required deep knowledge of Tibco technologies and a strategic approach to system integration, which ultimately led to successful implementation.

During my time at *KPN from 2010 to 2011*, I worked with the BearingPoint team on the design and implementation of a Tibco-based Order Management System. This project used various Tibco tools and required great precision to ensure that the system met all business requirements and operational needs.

*In 2010, I took on the role of Test Manager at Telexis* in The Hague. My responsibilities included overseeing the testing processes and ensuring that all software met quality standards. This role allowed me to further refine my skills in project management and quality assurance and contributed to the success of the development teams.

*In 2009, I worked as a Tibco Architect and Java Developer at CelFocus in Lisbon, Portugal*, where I focused on developing an Order Management System. This involved creating BW processes and custom Java functions to efficiently handle order-fulfilment requests, demonstrating my ability to integrate diverse technologies into a cohesive solution.

*My role as Developer Coach for the .NET team at Fiserv in Costa Rica in 2008* was crucial in mentoring junior developers and strengthening their skills. By sharing my knowledge and experience, I was able to foster a collaborative environment that encouraged growth and innovation within the team.

*In 2007, I worked as a Tibco Developer at KPN in The Hague*, focusing on the CBS fiberglass network. My tasks included using various technologies such as HTML, CSS, and JavaScript to develop and test complex BW mappers that were essential for effective data integration and management.

*During my time at Dexia Bank in Brussels in 2007, I served as a Tibco Architect and Java Developer, responsible for designing the Tibco architecture for the Trading Platform. This role spanned multiple locations, including Brussels, Luxembourg, and Paris, and required a comprehensive understanding of trading systems and the integration of various financial applications.*

*In 2006, I worked at ASML in Veldhoven as a Tibco Developer and iProcess Configurator, where I was involved in the installation and configuration of the TIBCO EAI and BPS stack. This position required strong attention to detail and in-depth knowledge of TIBCO tools, as well as the ability to manage complex configurations and monitoring processes. In the same year, I also worked at T-Mobile in The Hague as a Tibco Developer and Analyst, where I had the opportunity to design and develop various TIBCO BusinessWorks processes. My work included developing a custom CAS/BSCS adapter in Java and creating web (REST) services, further broadening my technical skill set.*

*In 2005, I held the position of Tibco Architect and Developer at KPN in The Hague, where I developed Tibco BW processes and was closely involved in Siebel integration using the Siebel Adapter. This experience deepened my understanding of customer relationship management systems and their integration with back-end processes. My role as Tibco Architect and Java Developer at O2 in Munich, Germany, from 2005 onwards involved designing and developing EAI foundation topics and design patterns. I also focused on setting up the infrastructure for O2, including the integration of Kenan billing and PeopleSoft CRM, demonstrating my ability to work on large-scale projects.*

*From 2001 to 2005, I worked at Swisscom Mobile in Bern, Switzerland, where I was active as a Tibco and Java Developer. My focus was on developing custom TIBCO adapters and processes for the Customer Management System, demonstrating my ability to enhance customer systems through technology.*

*In 2000, I contributed to Ascom Transport Revenue Systems in Bern, Switzerland, where I developed distributed TVM software for various clients, including the Dutch Railways (NS). My work with C++ and CORBA during this period was instrumental in creating reliable and efficient software solutions.*

*In 1999, I joined ECT in Rotterdam as a C++ developer, where I was responsible for developing graphical terminal screens for the container terminal. In this role, I was able to apply my programming skills to create user-friendly interfaces that improved operational efficiency.*

*Between 1997 and 1998, I worked at Archive IT in Willemstad, Curaçao, where I developed a dedicated TCP/IP server using Lotus Notes and C++. This project required a combination of networking and programming skills and demonstrated my versatility as a developer.*

*In 1996, I was a C++ developer at Mendes Ganz Bank in Amsterdam, where I developed client applications for the MEGA project, a generic transaction system. This position sharpened my ability to build robust applications that meet strict financial requirements.*

*In 1995, I worked at Uniface Technology (Compuware) in Amsterdam as a C++ developer and Configuration Manager. Here, I established various C/C++ standards for quality assurance and contributed to the development of Uniface Windows kernel drivers.*

*From 1992 to 1995, I worked at Jupiter in Noordwijk, the Netherlands, as a Developer/Consultant. I was involved in developing the first version of the MAVIM Workflow Tool, which laid the foundation for effective project management and process optimization.*

*Between 1990 and 1992, I worked at GRIP IT in Groningen as a GIS Developer. My focus was on developing a Geographic Information System for the SEP in Arnhem using Clipper and MapInfo/ArcGIS, which helped visualize heat demand in the region.*

*In the early phase of my career, from 1985 to 1990, I worked at PTT Telematica in The Hague as a developer. I was involved in the development of various systems, including a satellite-based system and an EDI converter, which brought significant advances in telecommunications and data management.*