

Haiko van der Schaaf
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Personal Summary

An experienced IT professional who is able to analyze business goals and align the IT-landscape to business strategy. Haiko is a first-class communicator who understands the advantages of emerging technologies and is able to provide leadership to bring change to the organization to use these technologies. He is able to exactly find out what the client wants to achieve and delivers on that.

Expertise

- TOGAF, Archimate
- AWS Cloud Services
- AWS Lambda, AWS DynamoDB
- Enterprise Integration Patterns, Domain Driven Design, Microservices Architecture
- Agile Scrum, Lean, Continuous Integration/ Delivery, Certified ScrumMaster
- Java, Javascript, Typescript, Angular, NestJS
- Spring, Spring Boot, Spring MVC, Spring Data, Hibernate, REST, Serverless
- Oracle, MySQL, PostgreSQL
- Jira, Confluence, Azure DevOps, Target Process, Jenkins, SonarQube

Education

2020 - AWS Lambda, NestJS
2019 - AWS IoT, AWS DynamoDB
2018 - Camunda BPM
2017 - AWS Solution Architect Associate
2016 - TOGAF
2014 - AngularJS, Secure Development Java
2012 - Team coaching
2011 - Certified Scrummaster
2009 - Scrum, Javascript
2006 - Spring, Hibernate en Struts
2005 - J2EE Servlets and JSP, Certification Java Programmer
2004 - OO Design & UML, Websphere 5 Tools and Development
2003 - Securities NIBE

ACADEMIC QUALIFICATIONS

1993 -1999 University of Amsterdam, Master of Science – Chemistry

Conferences

NG-NL

13-02-2015

speaker on the first AngularJS conference in The Netherlands.
Presentation – 'Lessons learned developing a new journey planner with AngularJS'

Work Experience

Ritense BV – IT Architect

Feb 2018 – present

Responsible for architecting solutions for a variety of customers in the AWS Cloud, executing pre-sale trajectories, hiring new developers, consultancy on applying BPM and leading development teams.

Digital transformation operational process

Technical services

Developed future-state architecture for roll out in multiple countries in alignment with business goals. Designed and implemented transformation of the operational- and invoicing process of a multinational company delivering fire safety solutions to its customers in multiple countries.

Created a resilient architecture in the public cloud for an API used by a mobile app for technicians, integrated financial services for invoice and credit management in the back-office operation.

Implemented the architecture with a development team using the in-house product based on Camunda. The result allowed the client to move away from using paper workorders and receipts allowing technicians to be more efficient with their time.

Consultancy – Business Process Transformation

Financial

Consulted on automating business processes using BPM and Camunda for an international investment Bank.

In this project I designed and delivered solutions to execute these processes with Camunda and consulted on integration with other services. This resulted in an automated and standardized process for several KYC-processes.

BinckBank – Enterprise ICT Architect

Sep 2016 – Sep 2017

Responsible for the complete IT landscape. Optimizing the landscape for agile scrum teams to increase software delivery speed. Aligning the architecture to business strategy. Advising on the possibilities of emerging technologies and software practices.

Duties:

- Advising senior management on implementing business goals.
- Responsible for migration to private APIs and developing a microservice architecture to enable rapid time to market.
- Decomposing the application landscape through an effective API approach, aligning to a product-oriented architecture.

Projects

Decomposition Backend

As part of the cloud strategy the backend system with a monolithic nature had to be transformed into independent, autonomous application services adopting a microservices architecture fitting to the agile teams. As an architect I provided the architectural high level design aligning business and IT goals including a roadmap. To govern this three-year undertaking, I created a maturity model for the different application services to monitor the transformation and to be able to set intermediate goals with the agile teams and product owners.

Push Notification API

To inform mobile customers on the status of their orders, I provided the architectural design for a Push Notification API. This will be the first service following the microservices architecture and act as an example for other existing services.

NS Reizigers (Dutch railways) – Technical Lead
2010 – Aug 2016

Jan

Responsible for realizing software solutions for given business goals. Designing software systems and leading multidisciplinary teams to develop these software solutions as a Technical lead.

Duties:

- Analyze business requirements and translating them to software solutions
- Designing software systems
- Coordinating multidisciplinary project teams to deliver software solutions of varying size and complexity.
- Software engineering.
- Team coaching to innovate and optimize.
- Consulting business on (im)possibilities regarding business requirements and technology.

Projects

Journey Planner – converting to Microservice Architecture REST API

The journey planner is the most frequently used application of the Dutch Railways with peaks of over a million visitors a day. This project's goal was to renew the journey planner and redesign the architecture to have a Restful API capable of servicing multiple client-side applications.

In this project, I served as the technical lead. I designed the REST API and introduced new technologies as Angularjs. I developed the new journey planner in an Agile Scrum fashion together with a cross-functional team, consisting of testers, developers and frontenders.

Selfservice Portal consumers

This was a big project involving many departments and three development teams to build a new custom self-service portal for NS clients. I was the technical lead and scrum master of one of the teams. My responsibilities were to connect the portal to different commercial and CRM systems to enable the client selfservice options such as changing address, buy new products etc.

Func bv. (taken over by Trifork in 2010)
Technical Lead

Dec 2008 – Dec 2009

Responsible for realizing software solutions for clients. Participate on biddings, designing software systems and leading multidisciplinary teams to develop these software solutions as Technical lead.

Neteffect bv. (taken over by Trifork in 2010)
Senior developer

juli 2006 – dec 2008

Sogeti bv.
Developer

juni 2005 – juni 2006

ABNAMRO - Securities department
Application manager/ developer

juni 2000 – juni 2005