Remco Siemonsma

Software Engineer

15+ years of experience in Software Design and Development

Profile

Remco is an enthusiastic software architect and developer with extensive experience in designing multi-tiered applications based on a wide variety of platforms with an emphasis on Java and Spring and also including, but not limited to, Angular, Python, and Typescript. He has delivered multiple software solutions and led several teams to successful deliveries.

He is always able to come up with technical solutions which cover the wishes of the client. He loves to work with the latest developments and is always busy with discovering new developments in the automation industry which he can then apply in his projects. He also values knowledge sharing.

Remco is eager to learn, technical, versatile and a real team player.

Projects

Lead Software Engineer/Architect, NS (Dutch Railways) – 11/2023 – present

Remco is working leads the Roestrijders team which is part of the larger BAM (Bijsturings Applicatie Materieel) project of the NS.
BAM is a crucial tool used by 'Bijstuurders' to manage real-time incidents. This project consists of several parts developed by 5 development teams, each responsible for their own parts. The Roestrijders develop 2 systems, Treinorientatie which is responsible for integration with Prorail and Conflictenservice which is used to ensure the planning is without safety and other types of issues.
He mainly works on the design and implementation of the architectural vision of these products, and takes care of the coaching and guidance of the junior and medior developers in the team.
Remco has taken care of the on time delivery of many critical parts of this system, and helped the NS to win the NLJUG Innovation Award in 2024!
Tools: Java, Spring, Azure, REST, XML, Json, Angular, Typescript, Maven, IntelliJ, Webstorm, Helm, Kubernetes, PostgreSQL, Nexus, Docker, CI/CD, OWASP, SAFe, Domain Driven Design.

Board member, BrabantJUG – sep 2021 – heden

Remco founded the BrabantJUG with 2 companions and is part of the board with them.
The BrabantJUG is the Java User Group for the province of North-Brabant in the Netherlands and organises 4 meetups per year. At these meetups we arrange for speakers to give sessions on Java and Software Development in general.
As board member Remco, together with the team, takes care of organisation of the meetups, this includes location scouting, arranging speakers, sponsoring, etc..

SUMMARY

PERSONAL DETAILS

- Home town: Eindhoven
- Date of birth: 9 June 1987
- Tel-nr: +31619281108
- E-mail: remco@remcoder.nl

TECHNICAL SPECIALIZATIONS

- Software Architecture
- Software Engineering
- Java
- Scrum/Agile
- RCDA

LANGUAGES

- Dutch (native)
- English (proficient)

Lead Software Engineer/architect, Sanoma Learning – 02/2022 – 10/2023

Remco was lead software engineer, and architect of the Edubase team within Sanoma Learning. This team develops and maintains the central Edubase product of Sanoma Learning. This product is the base for all digital learning solutions provided by Sanoma Learning to schools.
His main responsibilities were to ensure the smooth operation of the team and to take care of the architectural vision of the product.
Remco has taken care of the successful delivery of many features within Edubase, and lifted the team to a higher level.
Tools: Java, Vert.x, RxJava, Spring, AWS, REST, XML, Json, Angular, Typescript, Maven, IntelliJ, Webstorm, Kubernetes, Nexus, Docker, CI/CD, OWASP, SAFe, Domain Driven Design.

Software Engineer, Dedicon – 09/2021 – 01/2022

Remco joined the development team at Dedicon This team cares for all systems Dedicon uses to supply texts to blind and visually impaired people.
Dedicon was pleasantly surprised by the speed with which Remco got to work, quickly making several important contributions to the products.
Tools: Java, Spring, Javascript, PHP, Maven, IntelliJ, PHPStorm, WebStorm.

CGI Projects - 09/2013 – 08/2021

Remco has worked for a wide variety of clients during his employment at CGI. He joined as a Software Engineer and progressed to Lead Software Engineer and Software Architect.

Software Engineer, NDW – 10/2019 – 08/2021

Remco worked for NDW on development of NCIS (NDW Central Information System). This is the central system of NDW and processes the realtime information flows. With the migration to the Azure platform finished the focus is now on rebuilding NCIS on a Cloud Native architecture.
His main focus was on designing the new Cloud Native architecture of NCIS and rebuilding the existing code to this architecture while retaining and supporting the existing functionality.
The system is based on a microservice architecture where each module can operate on its own in Kubernetes with a foundation on Spring and communication using JMS through RabbitMQ.
Remco has built the architecture and implementation for several modules. Before this he took care to ensure the timely and successful delivery of the migration to the Azure platform.
Tools: Java, Kubernetes, Spring, JMS, Azure Cloud, Azure Devops, Maven, IntelliJ, PostgreSQL, ActiveMQ/RabbitMQ, SAFe.

Lead Software Engineer, NXP – 03/2018 – 08/2021

Remco worked for NXP on the IE-MDM project. This project is part of the harmonization project ongoing at NXP, the goal of this project is to achieve 1 way of working at the NXP factories.
As a software engineer he managed the architecture and development of the Java services of the IE-MDM system.
Remco has designed and built the system based on Spring with a multi-tiered architecture which provides the ability to distribute the workload to provide a smooth user experience.
The client noticed the architecture provides the opportunity to provide integration with more systems than currently in scope, and spin-off projects were being initiated to implement these integrations.
Tools: IntelliJ, Java, Angular, Atlassian Stack, Maven, Spring-(security, data-jpa, security-SAML, REST), Oracle DB.

Lead Software Engineer, Rijkswaterstaat – 04/2016 – 02/2018

Lead Software Engineer, LDI – 02/2016 – 04/2016

Software Engineer werk.nl, UWV – 05/2014 – 12/2015

Software Engineer, CGI – 01/2014 – 04/2014

Software Engineer, PearlChain – 09/2013 – 01/2014

Other employers

Manager Ticket Control, Elfia – 04/2019 – 04/2022

Remco managed the ticket control team for Elfia. Elfia is a fantasy festival which is hosted twice per year, in April at Castle De Haar in Haarzuilens, and in September at De Kasteeltuinen in Arcen.
His primary task was to ensure the smooth operation of the ticket control operations at Elfia, create the team rosters, and handle any issues which might arise with the ticket control operations.
His team enjoyed working with him, which was shown by the growing group of recurring team members.

Previous employers:

Software Engineer, Ericsson – 10/2011 – 08/2013

Software Engineer, Fixion – 04/2011 – 09/2011

Software Engineer, WisseQ – 11/2010 – 03/2011

Education

- B.ICT, Fontys Hogescholen, Software Engineering

Training & certification

- Certified Professional for Software Architecture (Certificate, iSAQB, 2025)

- Winner NLJUG Innovation Award (NLJUG award, on behalf of NS, 2024)

- Domain Driven Design (Training 2023)

- Architecting on AWS (training 2019)

- RCDA (Risk and Cost Driven Architecture) (training 2019)

- Winner Masters of Java 2017 (Programming contest 2017)

- Winner Masters of Java 2016 (Programming contest 2016)

- Spring 4 (training 2016)

- Professional Scrum Master I (Certificate 2014)

- Oracle Certified Professional Java Standard Edition 6 (certificaat 2012)

Skills summary

Skill	Number of years	Skill level*
Technical skills		
Java	15	4
XML/XSL	10	3
Javascript	7	2
Typescript	6	2
Python	4	1
SQL	15	3
Application knowledge		
Spring	12	4
Subversion	8	3
Git	8	3
Azure	4	3
Angular	6	1
IT disciplines		
Software Engineering	15	4
Scrum/Agile	10	4
UML	13	4
REST/SOAP	8	4
Continuous Integration	7	3
Software Architecture	8	3

*Skill Level: 1 = Basic, 2 = Intermediate, 3 = Advanced, 4 = Expert.