



# DANIËL VAN HOESEL

## Freelance Full Stack Software Developer

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### ABOUT ME

Freelance Full Stack Developer with over 20 years of professional experience. 37 years old and living in Haarlem, The Netherlands, with my wife and two kids. Fluent in both Dutch and English.

I really love the challenge of brainstorming, architecting, and developing new products from concept to production solutions. I like to work as lean and agile as possible, while making sure my code is clean, well-tested, and easy to maintain. I deploy often by breaking features down into smaller components to test their viability before investing time in unused ideas.

When I'm not developing software or spending time with my family, I enjoy building furniture and other interior products.

### EDUCATION

**Bachelor Software Engineering - Avans Hogeschool, 's-Hertogenbosch**

2005 - 2008

Graduated cum-laude for the fast-track bachelor degree.

### EXPERIENCE

#### Freelance Full Stack Software Engineer - Scribbr

Feb 2020 - present

Building various tools to help students become better writers.

TypeScript NodeJS React Express BullMQ PDF.js AWS PostgreSQL Event Sourcing Terraform Docker

#### Agile Software Engineer - Zilverline

Apr 2011 - Jan 2020

As a Senior Agile Software Engineer, I developed a wide range of software applications and products across Mobile (iOS, Android), Web, and Embedded platforms.

Worked in various Scrum teams, both as a team member and as a Scrum Master.

#### Full Stack Software Engineer - Reisbalans

Jun 2019 - Jan 2020

Development of a corporate travel budget solution.

Ruby on Rails PostgreSQL jQuery React AWS Ansible

#### Full Stack Software Engineer - Thinka

Apr 2016 - Jun 2019

Development of various Smart Home products.

NodeJS React RxJS Ruby on Rails AWS PostgreSQL

#### Software Engineer - Gibas

Dec 2018 - Feb 2019

Developed Ruby on Rails application to easily create offers for new clients.

Ruby on Rails jQuery NodeJS Puppeteer PostgreSQL CSS Paged Media

#### Software Engineer - AssetLog

Feb 2017 - Feb 2019

Development of an Asset registration application.

Ruby on Rails jQuery PostgreSQL

#### Software Engineer - Mijksenaar

Nov 2016 - Jan 2017

Developed advanced application to support the creation, management, and design of physical signage.

Ruby on Rails jQuery PostgreSQL SVG PhantomJS

## Software Engineer - The Bikevertising Company

Oct 2015 - Oct 2016

Developed an iOS application and backend to manage advertisement on bikes.

Swift

Ruby on Rails

Event Sourcing

PostgreSQL

## Software Engineer - Meterstanden Manager

Feb 2015 - May 2015

Developed an iOS application and backend to manage commercial utility meters.

Swift

Ruby on Rails

React

PostgreSQL

## Software Engineer - Reisbalans

Jan 2013 - Jan 2015

Development of a corporate travel budget solution.

Ruby on Rails

jQuery

PostgreSQL

## Software Engineer - Capgemini

Feb 2008 - Mar 2011

Developing various advanced web and software applications for the government and various insurance companies. Worked on several internal projects and projects on a secondment basis.

## Software Engineer - Nederlandse Spoorwegen

Oct 2010 - Mar 2011

Added a variety of features to the current online webshop. This webshop allows people to buy and print their own train tickets.

All the public applications for the NS have their own backend with their own authentication procedures. This is a mess. I helped designing and developing a streamlined process and a single authentication application/library that acts as a gateway for all the backend applications.

## Software Engineer - Ministerie van BZK

Aug 2010 - Oct 2010

Designing and developing a data record import and calculation module which parses millions of records per import. Also worked on some logic to combine various PHP and Java applications together.

## Interface Developer - Crown Office and Procurator Fiscal Service

Mar 2010 - Jun 2010

Building a front-end for the new case management system, in Edinburgh, Scotland.

## Software Engineer - ABZ

Jun 2009 - Nov 2009

Developing an ExperienceHub for various insurance companies.

## User Interaction Designer - OHRA

Dec 2008 - May 2009

Designed a new dynamic interface developed in Adobe Flex, to replace an old mainframe interface. The interface is used by OHRA's call-center employees.

## Software Engineer - Ministerie van BZK

Oct 2008 - Dec 2008

Worked on a management module for a prototype of the ORRA project.

## Software Architect - KPN

Jul 2008 - Oct 2008

Successfully designed and developed an order processing system for OXXIO's gas and energy smart metering project.

## Web Developer - Chap Internet BV

Jan 2007 - Jan 2008

Developing various advanced web applications.

## Founder - Re-Invention

Jan 2004 - Jan 2008

Responsible for managing and coordinating the development of advanced web applications for various clients.

## TECH

These are some of the technologies I've worked with. Some are more recent than others, and my experience with them varies in depth.

### Most recent tech

TypeScript NodeJS React Event Sourcing PostgreSQL AWS Terraform Docker

### Other tech

Ruby Ruby on Rails React Native Redux RxJS Swift Objective-C CSS HTML SQLite MySQL Redis Java C++ Go Shell Ansible  
DevOps PDF.js Python Puppeteer CSS Paged Media SVG BullMQ SWR