

Timo Vromen

Full Stack Developer



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Profile

Well-organized and results oriented professional with 10+ years of experience in technical engineering. Known for strong communication, analytical thinking, and attention to detail.

After years of enjoying the problem-solving and creative aspects of engineering, I discovered a real passion for building digital solutions. This led me to complete an intensive web development bootcamp. Now eager to apply my skills, curiosity, and drive to grow in the field of web development.

Technical Skills

HTML, CSS, JavaScript
Ruby on Rails, PHP
WordPress
BIM & CAD software

WORK EXPERIENCE

APRIL 2025 – PRESENT

Freelance Web Developer

Vromen Web Design, Amsterdam

- Designing and developing websites for small businesses and individuals
- Using HTML, CSS, JavaScript and modern frameworks

MAY 2023 – PRESENT

Mechanical Design Engineer & BIM modeler - Freelance

Vromen BIM Modeling, Amsterdam | Various clients

- Expanded BIM work from previous role, now also working with Adomi 3D
- Managing client relations, project timelines & delivering successful projects

NOVEMBER 2017 – APRIL 2023 (5 ½ years)

Mechanical Design Engineer & BIM modeler

Hiensch Engineering, Amsterdam

- Designing various (climate) installations within mechanical engineering
- Developing them in 2D (AutoCAD) drawings and 3D BIM models (Revit)
- Coordinating role in setting up and continuously improving Revit models
- Supervising and mentoring junior BIM modelers

OCTOBER 2016 – SEPTEMBER 2017 (1 year)

Work Planner

Stork Technical Services | client location Zenith Energy Terminal, Amsterdam

- Responsible for planning, coordinating maintenance projects & turnarounds
- Ensured collaboration between client, maintenance team, and contractors

OCTOBER 2014 – SEPTEMBER 2016 (2 years)

Technical Trainee

Stork Technical Services, BU Southeast

- Work Planning, Site Supervising and Engineering roles within traineeship
- Carried out various improvement projects across different departments

WEB DEVELOPMENT

2025

Web Development Bootcamp

Le Wagon | On campus, Amsterdam

- *Full-time intensive coding bootcamp of 9 weeks*
- *Learned and used HTML, CSS, Bootstrap, JavaScript, Stimulus JS, SQL, Git, GitHub, Heroku and Ruby on Rails*
- *Introduction to Vue.js, React*
- *Designed and shipped to production an alternative version of Airbnb*
- *Created a fully functional web app called TripLink, on which tourist can connect with local guides, in two weeks in a team of three - [TripLink ↗](#)*

2022

Full Stack Web Developer

Bit Academy | Online

- *Part-time coding course of 6 months*
- *Learned and used HTML, CSS, JavaScript and PHP*

Professional Skills

Adaptability & learning

Quickly learned new tools and technologies, embracing change throughout my career.

Collaboration & communication

Experience working in multidisciplinary teams, leading meetings, and collaborating with colleagues, clients, and third parties to achieve project goals.

Project & time management

Successfully managed multiple projects simultaneously, meeting deadlines and adapting to changing priorities.

Projects

TripLink

Final project of the Web Development Bootcamp. Ruby on Rails app connecting tourists with local guides. Built in a team of three, using nearly all tools learned. Deployed live on Heroku.

[TripLink ↗](#)

AirbnBird

Alternative version of Airbnb: a Ruby on Rails web app developed during the bootcamp.

[AirbnBird ↗](#)

Portfolio Website

Personal portfolio website built from scratch to showcase my work and skills.

[timovromen.nl ↗](#)

Client Website | Medium

Building a WordPress site for a client, focusing on usability and content management.

[zoevanree.nl ↗ - in progress](#)

Languages

Dutch
English

CAREER TRANSITION & TRANSFERABLE SKILLS

Transitioning from my previous roles into web development, I bring with me a strong set of transferable skills. The following examples highlight how my experience in engineering closely aligns with the demands of my new field.

Software expertise

- ❖ CAD-software and cloud-based collaboration experience with centralized Revit models and BIMcollab
- ❖ Git for version control, and GitHub for collaborating with colleagues

Technical problem solving

- ❖ Resolving design discrepancies, performing quality checks on models and troubleshooting technical issues in BIM-models
- ❖ Debugging and optimizing code, solving problems in both front-end and back-end

Working with data

- ❖ Organizing project files systematically and working with data-rich models
- ❖ Working with databases and API's

Collaboration

- ❖ Collaborating with architects, construction engineers and subcontractors to deliver complex projects on time
- ❖ Working with cross-functional teams (designers, product managers) and communicating clearly with clients and third parties

Working precise (attention to detail)

- ❖ Precision in 3D modeling and clash detection
- ❖ Writing clean code, optimizing design and performance

EDUCATION

2010-2014 Bachelor of Engineering | Mechanical Engineering

Zuyd University of Applied Sciences, Heerlen
Minor 1: Sustainable Energy
Minor 2: Maintenance

2009-2010 Bachelor Year 1 (Propedeuse) | Electrical Engineering

Fontys University of Applied Sciences, Eindhoven

2003-2009 Pre-University (VWO) | Profile: Science & Technology

Sintermeerten College, Heerlen