

Tom van Veen | Front-End Engineer

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Basics

Front-End Engineer with 20+ years of experience, specialising in enterprise software, automated testing, and CI/CD. Progressed from developer to Lead at Visma, driving Vue 3 migration, TDD adoption, and cloud modernisation. Committed to clean, efficient solutions and collaborative engineering culture.

Education

Hogeschool van Amsterdam

Bachelor, Digitale Media en Creatieve Industrie

Feb 2007–Jan 2013

ROC van Twente

Diploma, Media en Vormgeving

Feb 2001–Feb 2005

Work

Visma | ProActive

Lead Front-End Engineer

Sep 2015–Present

- Progressed from Front-End Developer to Lead over 9 years.
- Led Vue 2 to Vue 3 migration including full Options API to Composition API transition.
- Migrated testing stack to Vitest/Playwright, achieving 100% TDD coverage.
- Optimised CI/CD pipelines from GitLab to GitHub, reducing lead time to 20% of original.
- Improved filter response times from 500ms to instantaneous.
- Mentored junior developers; owned architecture decisions including Vuex to Pinia migration.

Keywords: Vue 3, TypeScript, Vitest, Playwright, CI/CD

ProActive Analysis Module

Frontend Developer, Data Visualisation

Sep 2015–Present

- Built a comprehensive data visualisation platform handling datasets from small to enterprise scale.
- Implemented 10 analysis types including ABC Analysis, Kraljic Matrix, Creditor Overview, Top 25 Spend, and more.
- Used chart libraries spanning 20+ years of evolution including ECharts, Highcharts, Chart.js, and Plotly.js.

Keywords: ECharts, Chart.js, Data Visualisation

Freelance

Web Developer

Jan 2007–Jan 2015

- Delivered diverse web projects using WordPress, Joomla and custom HTML/CSS/JavaScript solutions.
- Specialised in crisis consulting and on-demand feature additions for existing PHP applications.

Keywords: WordPress, PHP, JavaScript

7scenes

Developer

Jan 2011–Jan 2013

- Ported the mobile application to a web platform using jQuery.
- Designed and developed multiple project websites using custom WordPress themes.

Keywords: jQuery, WordPress

Pixel Industries

Fullstack Developer

Jan 2007–Jan 2009

- Fullstack development while studying, delivering client projects across the stack.
- Built the Museum Mesdag digital magazine backend.
- Developed a Face the Logo interactive Flash application.
- Created an OAuth proof of concept integrating Twitter and Gmail.

Keywords: PHP, OAuth

New Media / Highranks SEO

Web Developer

Jan 2005–Jan 2007

- Built numerous client websites.
- Developed search engine scanning tools.
- Built an intranet application for internal customer management.

Keywords: SEO, PHP

Autosoft

Junior Developer

Jan 2003–Jan 2005

- Delivered bug fixes and feature additions to the Autocommerce package.

Keywords: PHP

Languages

Dutch: Native or Bilingual Proficiency

English: Full Professional Proficiency

German: Minimum Professional Proficiency

Skills

Frontend: Expert

Keywords: Vue 3, Nuxt 4, TypeScript, JavaScript, HTML, CSS, Vite

Testing & CI/CD: Expert

Keywords: Vitest, Playwright, TDD, GitHub Actions

Tools & Languages: Advanced

Keywords: Node.js, Git, Pinia, Tailwind, Python, Bash

Projects

Ongehoord

Volunteer web development for a non-profit organisation.

Jan 2020–Present

- Built web applications across a Nuxt 2 to Nuxt 4 progression over 6 years.
- Developed a full-fledged quiz system with Tres.js/Three.js 3D animation.
- Implemented SSR with optimised data flow and security practices.

Keywords: Nuxt, Three.js, SSR, Volunteer

Interests

Music: Live music

Technology: Retro technology, Development