



Tycho van Berge Henegouwen

Senior Full Stack Engineer

React · Next.js · React Native · Laravel · AI enthusiast

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PROFILE

Senior Full Stack Engineer with 12+ years of experience building scalable web and mobile products with React, Next.js, React Native and Laravel. I lead projects from architecture through delivery, across large scale e-commerce platforms, SaaS products, video streaming and mobile apps.

I enjoy solving complex technical challenges, mentoring developers and building systems that balance business goals with long-term maintainability increasingly with AI-assisted workflows and AI-powered product features.

PERSONAL PRODUCTS

2025 - PRESENT - mailsenses.com

Mail Senses · Founder & Full-Stack Engineer

- SaaS for bulk downloading Gmail attachments, a capability Gmail doesn't offer natively.
- Designed and shipped the complete product: frontend, backend, Google OAuth and Gmail API integration and infrastructure.
- **57,000+ attachments** downloaded by users.

2025 - PRESENT - htmlpress.tech

HTMLPress · Founder & Full-Stack Engineer

- SaaS that converts any webpage into a pixel-perfect PDF or image through a REST API powered by headless Chrome, with configurable paper formats, margins and orientation.
- The PDF version of this resume is generated with HTMLPress.

WORK EXPERIENCE

JANUARY 2025 - JULY 2026

Senior Front-End Developer · Tabei (startup under Trigion)

Tabei is a startup founded by security company Trigion to digitise an industry that still runs largely on paper. With two colleagues I build the entire frontend of:

- An iOS & Android app for security personnel: digital scheduling, building information, dynamic task lists, incident reporting, AI chat, key management and alarm notifications.
- A customer dashboard with real-time insight into on-site activities, schedules, tasks, alerts, statistics and camera feeds.

Security companies save time and costs, clients gain transparency, and staff can be deployed more efficiently.

CORE TECHNOLOGIES

Frontend

React Next.js React Native
TypeScript Tailwind

Backend

Laravel PHP Node.js REST APIs
GraphQL

Cloud & Infrastructure

Docker Kubernetes AWS CI/CD
GitHub Actions

Data

MySQL PostgreSQL Elasticsearch
Redis

Quality

Playwright Jest PHPUnit

Architecture

Monorepos Microservices
Design Systems

AI

Claude Codex Junie

EDUCATION & TRAINING

2013 - 2015

HBO Computer Science (part-time)

Hogeschool van Amsterdam

Coursework completed part-time alongside a full-time developer role; left to continue my professional engineering career.

2009 - 2013

MBO Software Development

ROC Leiden

Diploma obtained

2003 - 2009

HAVO

Rijnlands Lyceum

Diploma obtained



NOVEMBER 2022 - DECEMBER 2025

Senior Front-End Developer · E.ON Drive

E.ON Drive sells EV charging stations online across Europe, Germany, the UK, Sweden, Italy, Denmark and more with each country running its own webshop and sales process. As part of the Digital CX team in Amsterdam, I helped build the unified European e-commerce platform that replaced these fragmented local implementations, on a shared architecture and design system.

In October 2024, I joined a 3 day Design Sprint in Munich with the German team: their webshop sold many wallboxes but few installations, missing significant revenue. In three days we prototyped a product configurator that bundles wallbox sales with the installation service, streamlining the process and increasing overall sales.



JUNE 2018 - NOVEMBER 2022

Full-Stack Developer · Eyecons

Eyecons is a sports video platform, a YouTube for Dutch sports such as football, hockey, korfbal and volleyball. Where clubs upload and monetise their match videos. Built and grew the platform from its first version into a full SaaS product.

- Built the front-end with React Native Web: one codebase for the website and native iOS/Android apps.
- Designed the Laravel API with JWPlayer video transcoding, direct-to-S3 video uploads and streaming live events.
- Turned the platform into a SaaS with PRO club subscriptions: video scheduling and editing, live highlight annotation, live chat, push notifications, Mollie payments and a billing dashboard.
- Split the monolith into four microservices and five front-ends sharing one component library, and managed hosting and deployments (Ubuntu, Ansible, Nginx, CI/CD).

Live at eyecons.com



APRIL 2014 - NOVEMBER 2022

Full-Stack Developer & Owner · Bespoke Web

Founded and ran a software consultancy delivering custom web applications, SaaS platforms and digital products responsible for solution architecture, development, infrastructure, client management and mentoring junior developers.

Selected projects:

- Headless Shopify webshops: vanappleart.com & dankjewellness.org
- eyecons.com: online sports video platform
- King of the Court: volleyball streaming platform (watch.kingofthecourt.com), company site and live scoreboard tool
- Bureau STERK: STERKscan self-reflection platform, STERik children's portfolio and bureausterk.nl
- Cyclingflash: cycling data API powering wielerflits.nl
- Lineup: soccer/hockey team management tool

LANGUAGES

Dutch	Native
English	Fluent
Spanish	Fluent

HOBBIES

Chess	Snowboarding	Running
Cooking	Travel	Learning languages



2012 - 2018

Earlier Experience

- Saxum
- Sanoma/Fashionchick
- Zien24
- Endouble
- Overstappen.nl
- Ravonet