Jeroen Derks

Lead engineer & Project lead



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Lead engineer and Project Lead building modern web products with React, Next.js and TypeScript. I've led delivery of global platforms, mobile apps and interactive installations, from multilingual CMS sites and revenue-critical checkouts to offline-first verification tools, balancing design quality, performance and maintainable architecture.

AI is part of how I work every day: I build with AI agents (Claude Code) connected through MCP to tools like Datadog, integrate LLM chatbots into client platforms, and started with machine learning by turning model output into usable products. I lead teams, raise engineering standards and give stakeholders clear delivery confidence.

Core skills

AI	Claude Code, AI agents, MCP, LLM chatbot integration (Azure), ML data visualisation
Engineering	React, Next.js, TypeScript, React Native, Node, REST & GraphQL, CI/CD, Vercel
Architecture	Design systems, multilingual & multi-region platforms, CMS strategy, API design
Leadership	Team leadership, delivery & estimation, stakeholder management, mentoring, technical roadmapping

Experience

Project Lead, Touchtribe, Amsterdam (NL)

11 / 2024 - current

Joulz: energy infrastructure for 20,000 large energy consumers

- Led discovery with stakeholders to define the scope and direction for their new website. Strong focus on explaining a complex business and conversion.
- Led a team of designers and developers from concept to launch and was the client's main point of contact, keeping delivery and stakeholder expectations aligned throughout.

Fugro: geo-data services, 11,000 employees, stock-listed

- Architected a multilingual publishing platform for 153 offices across 51 countries, giving regional teams autonomy over localised content while enforcing multi-step approvals a stock-listed organisation requires.
- Led the migration from GraphQL to REST, cutting Vercel infrastructure costs by 45% and page load times by 18%, and shortening developer onboarding.

ROVC: technical training provider, €25M revenue

- Refactored the checkout flow onto a single source of truth, eliminating recurring defects in the client's primary revenue driver and cutting the time to ship new commerce features.
- Rebuilt estimation and requirements handling, consolidating all communication into Jira, moving the account to consistent on-time delivery and a roadmap the client can budget against.

Fugro Experience: interactive installations for Fugro's global HQ

- Led a 7-person multidisciplinary team to deliver 10 digital-physical installations (30+ screens, an AR app, and a 2.5 m LED sphere) aligning product owners from across the business behind a single UX strategy.
- Converted the HQ programme into a follow-on mandate, overseeing production and rollout of installations for 6 further offices.

Senior Frontend developer, Label A, Amsterdam (NL) 11 / 2022 - 10 / 2024

Keesing DocumentChecker: world leading identity-verification platform

- Led a 3-person team building the company's flagship platform, covering 200+ countries and 70,000+ security-feature images for border control, finance, and law enforcement.
- Delivered it as a Next.js/TypeScript app (React Query, Mantine) that became the authoritative reference for identity-document and banknote verification.

KeesingApp: mobile counterfeit detection

- Architected a React Native (Expo) app that verifies passports, ID cards, driving licences, and banknotes running fully offline on SQLite storage so professionals can authenticate documents without a connection.

Dura Vermeer (Spotten): parking app

- Built a React Native parking platform letting employees reserve spots, run sessions, and open gates. Plus a Next.js admin dashboard giving organisations control over reservations, users, and facilities.

Nationale Nederlanden (Zelf): freelancer starter platform

- Integrated Mollie one-off payments and subscription models for Zelf, tying each plan to the service entitlements it unlocks so billing and access stay in sync.

Internally for Label A (ACE)

- Mentored junior developers through reviews and pairing, helping them take on more complex work.
- Drove adoption of shared style systems across teams, making development practices consistent.

Frontend developer, Laudo Designagentur, Berlin (DE) 10 / 2020 - 10 / 2022

- Built the SEO-driven Next.js frontend for heysports.io, reaching 150 organic visitors per day.
- Conceptualised and shipped talentefinder's global job wall, adding a new revenue stream to the app.
- Developed the frontend for a 3D-printing platform for the Bundeswehr, letting stakeholders across departments use the facilities and share parts between units.

Frontend developer and designer, DHI GRAS, Copenhagen (DK) 06/ 2018 - 09/ 2020

- Built 24+ data viewers that made machine-learning output on satellite data usable for end users.
- Defined the brand identity and data viewer style guides, and designed the company website and videos.
- Developed a machine-learning-driven crop monitoring platform for the Danish agricultural ministry, saving 1,800 inspections a year and winning the Danish innovation award.

Student creative developer, YOKE, Copenhagen (DK) 09 / 2017 - 05 / 2018
Production assistant, VR studio Makropol, Copenhagen (DK) 05 / 2017 - 09 / 2017
Research assistant, Aalborg University, Aalborg (DK) 09 / 2016 - 03 / 2017

Education

BA Art & Technology, University of Aalborg (DK) 09 / 2013 - 06 / 2016
BA International Communication and Media, UoAS Utrecht (NL) 09 / 2008 - 06 / 2013

Languages

Dutch English Danish German