

THIJS ERVEN

FULL-STACK DEVELOPER | FRONT-END ENGINEER | UI/UX DESIGNER

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PROFESSIONAL SUMMARY

Full-stack developer and UI/UX designer with hands-on experience building modern web applications, cloud-backed services, data pipelines and developer-focused tooling. Strongest in TypeScript, JavaScript, React, Vue, Next.js, Node.js, GraphQL, PostgreSQL, and cloud-based infrastructure. Combines product-minded front-end engineering with back-end and DevOps capabilities, including API design, Terraform, Docker, and Cloudflare. Known for clean, maintainable code, thoughtful user experiences, and practical technical problem solving.

CORE SKILLS

Front End: React, Vue.js, Next.js, Nuxt, Tailwind CSS, responsive design, accessibility, UI/UX

Back End & APIs: Node.js, Hono, REST, GraphQL, authentication, validation, internationalization

Data: PostgreSQL, Redis, relational data modelling, data engineering, data pipelines

Cloud & DevOps: AWS, Terraform, Docker, Cloudflare Workers, CI/CD, Git, npm

Engineering: System design, micro service engineering, debugging

PROFESSIONAL EXPERIENCES

Full-Stack Developer / UI/UX Designer / Data Engineer | SpecifAI Parking

Netherlands | June 2024 – Present

- Progressed from front-end development and UI/UX designer into a broader full-stack and data engineering role, building web-based products and data pipelines for intelligent parking workflows.
- Develop maintainable user interfaces and reusable components with modern JavaScript-based frameworks, with attention to usability, responsiveness, and accessibility.
- Design and integrate APIs, application data flows, and cloud services to support reliable full-stack features.
- Contribute to technical decisions involving application architecture, infrastructure as code, deployment, and developer experience.
- Work closely with stakeholders to translate product requirements into practical, user-focused solutions.
- Developed many data pipelines streamlining raw data from multiple parking systems into clean usable data for dashboards data-driven AI agents and other data-analysis tools.

Front-end Developer / UI/UX Designer | Streamlined

Netherlands | April 2023 – June 2024

- Developed and maintained user-focused web applications as part of a multidisciplinary development team.
- Translated functional and design requirements into responsive, accessible, and reusable interface components.
- Collaborated with developers, designers, and other stakeholders to deliver reliable digital solutions.

EDUCATION

HBO ICT & Media Design | Fontys University of Applied Sciences

2023 | Netherlands

- Collaborated in multidisciplinary project teams using iterative and user-centered development methods.
- Applied frontend technologies to translate concepts and visual designs into functional interfaces.
- Conducted user research and used UX principles to improve usability and accessibility.
- Developed digital concepts based on user needs, business objectives, and strategic requirements.

Languages: Dutch (native), English (professional proficiency) | Open source: github.com/thijsserven