Ugur Ertas

Senior front-end Engineer · React, TypeScript

Rotterdam - Netherlands

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Summary

Senior front-end engineer with 7+ years of experience building product-driven, data-heavy React and TypeScript applications. Previously led front-end development of an EV charging platform used by 100k+ drivers, including real-time maps, payments, account management, and export workflows.

Core strengths: React, TypeScript, data-heavy interfaces, real-time maps, design systems, test automation, CI/CD, and AI-assisted engineering.

Languages: Dutch (fluent) · English (fluent) · Turkish (native)

Work Experience

Eneco eMobility

Rotterdam, Netherlands

Senior Front-End Engineer — *Jul 2024 - Jul 2026*

- **Product development:** Built customer-facing React web and React Native/Expo apps for payments, charging, reimbursement, account management, real-time maps and data exports.
- **End-to-end delivery:** Turned UX/UI designs and requirements into responsive features, covering reusable components, API integrations, localisation, feature flags and release decisions.
- **Testing & quality:** Made automated testing part of delivery; built and maintained Playwright, Cypress, unit and mobile coverage across four gated environments.
- **DevOps:** Owned CI/CD for a six-app Nx monorepo on Azure Pipelines; introduced caching and affected-test execution to speed feedback while keeping quality checks practical.
- **AI adoption:** Led tool pilots, engineering guidelines and internal technical talks on AI-assisted development.

Delft Circuits

Delft, Netherlands

Full-Stack Developer — *Oct 2023 - Aug 2024*

- Built an internal data platform end to end: Python ingestion, processing and analytics services, shared data models, and a Next.js/TypeScript frontend for analytics and workflow tracking.
- Integrated production systems and delivered features used daily by the production team.

CareRate

Rotterdam, Netherlands

Front-End Developer — *Aug 2022 - Sep 2023*

- Built React and TypeScript dashboards for meeting sentiment, plus a Node.js/Puppeteer bot and audio-analysis workflow feeding an ML pipeline.

Beeldr

Leiden, Netherlands

Front-End Developer — *Jul 2021 - Aug 2022*

- Built responsive Vue/Vuex content platforms and CMS-driven websites, integrating GraphQL APIs and complex managed content.

EU-Bewindvoering, Level Level & Waag

Rotterdam & Amsterdam, Netherlands

Early-Career Front-End & App Development — *2019 - 2021*

- Built web and mobile applications with React Native, Expo, JavaScript and PHP; integrated APIs and created React, Mapbox and Deck.GL data-visualisation prototypes.

Projects

AI Subtitles — self-hosted video AI platform

GitHub

Personal Project — *2025 - Present*

- Built and operated a self-hosted video AI platform on Google Cloud, combining GPU inference, Cloud Run, Postgres, FastAPI, React, and TypeScript.
- Designed resilient asynchronous workflows for transcription, diarisation, RAG indexing, and visual search, with progress tracking, retries, and crash recovery.

Education

Rotterdam University of Applied Sciences

Rotterdam, Netherlands

Bachelor of Science in Creative Media & Game Technology — *Graduated 2019*