CATALINA AVADANI

FRONTEND DEVELOPER | REACT | NEXT.JS | TYPESCRIPT

catalinaavadani@gmail.com | Portfolio | LinkedIn | GitHub | +46 76 096 8621

PROFESSIONAL SUMMARY

Experienced Full-Stack Developer with a focus on **React, TypeScript,** and state management solutions like **Redux and Context API**, adept at driving the transformation of legacy systems into modern React applications.

Proven ability to **enhance UI maintainability**, reducing defects by 30%. Skilled in **RESTful API** integration and **accessibility** best practices, ensuring high compliance scores. Proficient in using **Azure DevOps for CI/CD** and **agile** collaboration.

CORE TECHNICAL SKILLS

- **Frontend Development:** React (Hooks, Context API, component composition), Next.js, TypeScript, JavaScript, HTML5, CSS3, SCSS, Tailwind CSS
- **State Management:** Redux, Zustand, Context API
- **Testing & Quality Assurance:** Jest, Cypress, React Testing Library
- **APIs & Integration:** RESTful APIs, Stripe, PayPal, Mapbox, OpenAI
- **DevOps & Tools**: Git, GitHub, Azure DevOps, Vercel, CI/CD, ESLint, Prettier
- **Design & Accessibility**: Figma, WCAG, Accessibility, Responsive Design
- **Mobile Development**: React Native, Expo
- **Backend Technologies**: Node.js, PostgreSQL, MongoDB, Firebase, Supabase

TECHNICAL EXPERIENCE

Freelance Full-Stack Developer | Self-Employed   June 2025 - Present

- Developing custom React + Next.js + TypeScript applications for healthcare professionals
- Winner of 1st Place Clean Code Hackathon 2025 for AI-powered React Native food management app
- Implementing WCAG 2.1 accessibility standards and responsive design with Tailwind CSS

Frontend Developer | Nexer Group AB, Göteborg | LIA Internship   Sept 2024 - May 2025

- Built and enhanced **React + TypeScript** components, improving maintainability and reducing UI defects by **30%** through robust state management (Context API, Redux, Zustand).
- Integrated **RESTful APIs** with Microsoft Azure Cosmos DB, enabling **real-time synchronization** for marketing and health applications used by 1,000+ users.
- Resolved complex cross-client rendering issues, ensuring **100% consistent display** across Gmail, Outlook, and other major email platforms.
- Implemented **WCAG 2.1** accessibility standards, increasing compliance scores by **40%**.
- Collaborated in an **agile team** using Azure DevOps for version control, code reviews, and sprint planning.

Mobile App Developer | Stendahls, Göteborg | LIA Internship   Oct 2022 - Dec 2022

- Developed Android app components using **Jetpack Compose, Room Database, and Kotlin.**
- Adapted quickly to modern mobile development practices, delivering functional features within project deadlines

FEATURED PROJECTS

FridgePal - AI-Powered Mobile App | Hackathon Winner

Tech Stack: React Native, Expo, TypeScript, Supabase, OpenAI Vision API, PostgreSQL
GitHub

- Architected a **full-stack mobile app** with AI image recognition for food inventory management.
- **Integrated OpenAI Vision API** for automatic product identification and expiration date detection.
- Built **secure authentication, real-time notifications**, and user-specific data isolation.
- Achieved **production-ready** quality with CI/CD pipeline and automated testing.

Digital Travel Journal | Best Thesis Project

Tech Stack: Next.js, TypeScript, Firebase, Mapbox API, Tailwind CSS, Zustand
GitHub | **Live Demo**

- Developed an **interactive mapping platform** with custom postcard creation.
- Integrated 4 external APIs (Mapbox, Weather, Unsplash, Firebase) with robust error handling.
- Achieved **Level AA WCAG 2.1** compliance and a **95+ Lighthouse score**.

EDUCATION & CERTIFICATIONS

- **Frontend Developer Program |** Medieinstitutet YH, Gothenburg | Aug 2023 - Apr 2025
- **UX & Accessibility Specialist |** Medieinstitutet YH, Gothenburg | Mar 2025 - May 2025
- **Android Developer Program |** Vuxenutbildning, Lerum | Dec 2021 - Dec 2022

LANGUAGES

- **English:** Fluent
- **Swedish:** Professional Working Proficiency

Open to roles throughout Sweden and Europe - remote, hybrid, or on-site (Göteborg area).