Helsinki, Finland
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Bachelor's Degree in Business Information Technology (Software Development)
GPA: 4.43/5.0
Essential courses: Project Management, Programming, Software Testing, Database Developer, Data Management & Database

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- Developed a voice-activated ordering interface for automated digging machines using Vue.js and the OpenAI API, enabling users to place complex orders in   via natural speech.
- Designed and deployed a frontend page that converted speech to structured order data, reducing manual input errors by   compared to traditional form-based entry.
- Improved voice-based product and machine identification by integrating fuzzy search (Fuse.js), increasing match accuracy from   to   for imprecise voice queries.
- Integrated with the Maatop internal API to POST over   real-time orders during field testing, achieving seamless backend communication and database updates.
- Collaborated closely with UX testers and internal users, resulting in a   reduction in average order time and improved satisfaction in field operator trials.
- Maintained and enhanced Nuxt-based backend logic, supporting smooth orchestration between frontend voice capture and order dispatching.

                     : JavaScript, HTML, CSS
                     : Vue.js, Nuxt.js, OpenAI, Fuse.js
          : Maatop internal database (REST API–integrated), OpenAI API
              : Git, Postman, VS Code

- Built and deployed a modular, responsive web platform using Next.js, React, MUI, and TypeScript, which supported   monthly queries on contextual audience data.
- Connected the frontend to Supabase to query and display   audience records, implementing pagination and smart filtering to maintain   load time on average.
- Developed advanced keyword search and filtering using PostgreSQL full-text search via Supabase, allowing users to narrow down audience segments with up to   precision.
- Designed and implemented a full UI/UX redesign using Figma, leading to a   increase in user engagement and   longer average session duration after deployment.
- Optimized component performance by lazy-loading MUI icons and components, reducing initial page load time by   .
- Participated in weekly code reviews and authored developer documentation, improving onboarding speed for new team members by an estimated   .

                     : TypeScript, HTML, CSS
                     : Next.js, React.js, Vite, Material UI (MUI)
          : Supabase (PostgreSQL, full-text search)
              : Git, Postman, VS Code, Figma

(Independent) Demo   Jan 2026

- Built an AI-powered interview preparation platform using Next.js (App Router) + TypeScript + MongoDB, enabling users to generate personalized mock interviews across   (industry, topic, type, role, duration 15–60 min, question count, experience level).

- Integrated OpenAI APIs to generate interview questions and evaluate user responses, producing   scoring metrics (overall, clarity, relevance, correctness) plus actionable feedback to accelerate skill improvement.

- Implemented Stripe monthly subscriptions (Checkout + invoices + webhooks), syncing subscription status, billing cycles, and entitlements to the database and reducing manual billing/admin work by   .

• Added secure authentication with NextAuth (Google/GitHub), improving onboarding speed by compared to email-only signup and strengthening session security with token-based access control.

• Built a user dashboard to track interview history, review AI feedback, manage invoices/subscriptions, and support password reset/forgot password flows, increasing end-to-end completion rate by in internal testing.

• Implemented scalable media uploads with Cloudinary and production deployment on Vercel, improving asset delivery reliability and reducing page load time by through optimized image delivery and caching.

TypeScript, JavaScript

Next.js (App Router), React, NextAuth.js, Stripe SDK, OpenAI SDK, Tailwind CSS

MongoDB (Mongoose)

Stripe (Billing/Webhooks), Vercel (Deployment), Cloudinary (Media Storage), Git/GitHub

(Independent) Demo   Dec 2025 - Present

• Built Prostore, a full-featured e-commerce platform using Next.js 15 + React 19 + TypeScript, supporting seeded products, complete checkout flow, and responsive UI across desktop/mobile.

• Designed a scalable backend with Neon PostgreSQL + Prisma, implementing migrations/seed scripts and reducing data-access boilerplate by compared to raw SQL/handwritten models.

• Implemented end-to-end commerce flows (cart → shipping → payment → order confirmation) using React Hook Form + Zod, cutting invalid checkout submissions by in testing through strict schema validation.

• Integrated PayPal + Stripe (plus Cash on Delivery), achieving successful payment intent/order creation rate during test runs and ensuring consistent order-state transitions.

• Built an Admin Dashboard with product/order/user management and search tools, reducing common admin workflows (edit product, update order status, find user orders) by ~ vs. manual DB changes.

• Shipped customer features—ratings & reviews, featured carousel, category drawer, and advanced search filters—improving product discovery time by in internal usability testing.

• Added media uploads with Uploadthing and automated email receipts via Resend, reaching average delivery time in test emails and reducing support overhead for purchase confirmation.

• Deployed with Vercel + Git CI/CD, cutting release time from minutes of manual steps to minutes per deploy and enabling rapid iteration with reliable rollbacks.

TypeScript, JavaScript, SQL

Next.js 15, React 19, Prisma, NextAuth, Zod, React Hook Form, ShadCN UI, Tailwind CSS, Recharts, Jest

PostgreSQL (Neon)

Stripe API, PayPal API, Vercel, Git/GitHub, Uploadthing, Resend, ESLint

(Independent)

• Developed a cross-platform travel companion mobile app using React Native (Expo/EAS), reducing build deployment time by compared to manual configuration.

• Integrated Firebase Firestore for real-time user data sync, achieving average latency in device-to-cloud updates during testing.

• Implemented Google Places API and map-based search, increasing location search accuracy to across 3 tested regions (Europe, SE Asia, North America).

• Added multi-language support (English, Vietnamese, French) using i18next, broadening accessibility and improving usability for er eat es