

Domen Perko

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SKILLS

PROGRAMING LANGUAGES Typescript, Golang, Python

TECHNOLOGIES Next.js, Nest.js, Tailwind, Docker, Postgres, Redis, tRPC, Vercel AI SDK

WORK EXPERIENCE

EXTRA.DEV | FULL-STACK SOFTWARE ENGINEER

Mar 2025 - Present

- **Contributed to the backend rewrite of Freedomchat**, a secure, privacy-first messaging platform, helping migrate from Firebase Functions to a **scalable NestJS + Socket.IO** architecture. Supported launch success: **raised \$78K in early funding**, **passed a Seald security audit**, and featured on Yahoo Finance.
- **Contributed to Blissbook**, an interactive digital employee handbook platform **trusted by Fortune 500 companies**. Worked across a React + Express.js + GraphQL + MySQL stack, delivering new features to **increase customer satisfaction**.

INTELLIGENT SYSTEMS LABORATORY, UM | AI/ML ENGINEER

Oct 2024 - May 2025

- **Built an end-to-end machine learning pipeline** covering data processing, automated feature engineering, model training, and deployment into production environments.
- **Developed a predictive model** for a meal delivery business, analyzing employee eating habits per company and forecasting which meals would be most popular the next day — helping minimize food waste and optimize delivery operations.
- Leveraged the **OpenAI SDK** for text processing, embeddings, and feature engineering, enabling richer data insights and improved model accuracy.

EQUALEYES | FRONTEND SOFTWARE ENGINEER

Sep 2024 - Mar 2025

- Worked on a decentralized identity system, **building complex UI flows** and **scalable, reliable** frontend components.
- **Collaborated with multiple teams** to align functionality and ensure seamless user experiences across products.
- Optimized rendering performance for lists with **1,000+ dynamic elements**, improving responsiveness and stability.
- Contributed to resolving **complex UI design and architecture decisions**, balancing usability, scalability, and performance.

NCHAIN | FULL STACK SOFTWARE ENGINEER

Oct 2021 - Sep 2024

- **Independently built the first version** of a decentralized certificate management system, delivering the complete frontend for storing, viewing, and distributing digital certificates. Led frontend development for an MVP, ensuring timely delivery and a great user experience.
- Contributed to a Web3 music streaming platform, **working on multiple microservices** with GraphQL, REST APIs, and **message queues** to ensure scalable and reliable data flows.
- **Developed complex admin dashboards** across multiple projects, implementing **role-based access control (RBAC)**, following OWASP Top 10 security practices and ensuring **mobile responsiveness**

EDUCATION

FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, UNIVERSITY OF
MARIBOR | BACHELOR OF INFORMATICS AND DATA TECHNOLOGIES Maribor, Slovenia | 2020 - 2023

FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, UNIVERSITY OF
MARIBOR | MASTER OF INFORMATICS AND DATA TECHNOLOGIES Maribor, Slovenia | 2023 - 2025