Domen Perko

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SKILLS

PROGRAMING LANGUAGES	Typescript, Golang, Python
TECHNOLOGIES	Next.js, Nest.js, TailwindCSS, Docker, AWS, Tensorflow, Scikit-Learn

WORK EXPERIENCE

INTELLIGENT SYSTEMS LABORATORY, UM | AI/ML ENGINEER

Oct 2024 - Present

- Developed end-to-end machine learning pipelines for data processing and deployment.
- Designed and optimized databases to ensure scalable and reliable data storage.
- Automated feature engineering with OpenAI model.

EQUALEYES | FRONTEND SOFTWARE ENGINEER

Nov 2021 – Present

- Converted Figma designs into high-quality, responsive web applications.
- Worked closely with developers and designers to deliver seamless user experiences.
- Solved complex UI challenges and optimized frontend performance.

NCHAIN | FULL STACK SOFTWARE ENGINEER

May 2022 – Sep 2024

- Developed blockchain-based solutions for enterprise clients, focusing on security and scalability.
- Led frontend development for an MVP, ensuring timely delivery and a great user experience.
- Adapted quickly to multiple codebases, delivering high-impact with rapid onboarding and execution.

FERI UM IN COLLABORATION WITH DRAVSKE ELEKTRARNE MARIBOR | BACKEND ENGINEER

Feb 2023 – Jul 2023

- Designed and implemented a system to forecast solar power production using real-time solar radiation data.
- Implemented a CI/CD pipeline for automated testing, integration, and deployment.
- Used Nest.js, MongoDB, and Cassandra to build a high-performance backend.

AWARDS

POSTARTUP HACKATHON 2023 – 2ND PLACE

- We created a digital twin of Slovenia, leveraging blockchain technology to enable real-time tracking of mail packages and optimize mailman routes according to vehicle types
- Contributed to the project by undertaking both frontend development and smart contract development.
- Click here for presentation

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 - Present