

Michal Martinec

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🌐 LinkedIn

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📍 Zürich, Switzerland

Experienced Full-stack Developer with 2+ years of experience seeking new opportunities to build exciting things and grow.

EXPERIENCE

Open Systems (Continue)

AUGUST 2022 - OCTOBER 2023

Software Engineer - Zürich, Switzerland

- Developed and maintained a new Cyber Security SaaS platform using modern frontend tooling and Azure cloud services. *(React, TypeScript, Azure)*
- Started professionally contributing on various existing backend services. *(C#, Azure functions, OpenAPI)*
- Co-created a C# guild within the company to facilitate knowledge exchange and drive collaboration.
- Shared knowledge about the codebase and helped colleagues with debugging to improve productivity and increase cross team collaboration.
- Shared knowledge about the codebase and helped colleagues and contractors with debugging to improve team productivity and software quality.
- Assumed the role of a temporary DevOps resource to ensure smooth deployment pipeline and provided technical support to team members alongside development responsibilities. *(Docker, Terraform, GitHub Actions, Bash)*
- Coordinated with UX designer and stakeholders to meet project requirements and delivered high-quality results on time. *(Figma, Jira, Confluence)*

Nexthink

JULY 2020 - JULY 2021

Software Engineering Intern - Lausanne, Switzerland

- Created and maintained a tool for monitoring and reporting used on 12 environments critical to sales team operations. *(Python, Jenkins, Docker)*
- Created a tool that ensured the integrity and reliability of content packs which are essential for using the company's products *(Python, XML, Jenkins)*
- Worked in an Agile SCRUM based system. Created user stories for own features that after supervisors' approval were integrated into future sprints. *(Azure, Jira, Confluence, SCRUM)*

PROJECTS

"Salvatio Push"

(Bachelors Project)

JAN 2022 - MAY 2022

- Led the development of the backend, including the creation of CI/CD pipeline, provisioning Azure resources and database integration, to support the app's data and availability needs on a student/startup friendly budget. *(Python, Azure Functions, MongoDB, OAuth)*
- Collaborated as a SCRUM Master in a team of three to develop a mobile application in collaboration with a local startup focused on reducing assaults in Denmark, contributing to a meaningful project with real-world impact. *(React Native, TypeScript, SCRUM)*

(Not) Pirate Bay

SEP 2021 - DEC 2021

- Developed a FastAPI based serverless backend service connected to AzureSQL to store and serve movie and user data. *(Python, MS SQL)*
- Developed a CI/CD pipeline for deployment *(GitHub Actions)*
- Collaborated on building parts of the frontend. *(JavaScript, React)*

EDUCATION

VIA University College

AUG 2018 - JUN 2022

Bachelors

Software Engineering

- Mentored 1st year students to help them integrate into the university

TECHNOLOGIES & SKILLS

Front End: TypeScript, React (NextJS), Vite, MUI,

Back End: C#, Python (FastAPI)

Azure: Functions, AzureSQL, Active Directory (Entra), Blob storage, Front Door, Container apps

DevOps: Docker, Terraform, GitHub Actions, Bash scripting

Databases: MongoDB, PostgreSQL