

Michal Martinec

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Horsens, Denmark

Last semester software engineering student,
looking for a junior position or a student job.

EXPERIENCE

Nexthink JULY 2020 - JULY 2021	Software Engineering Intern - Lausanne, Switzerland <ul style="list-style-type: none">Responsible for monitoring and reporting tool used on 12 environments critical to sales team operations. <i>(Python, Jenkins, JavaScript, Docker)</i>Created tool that ensured the integrity and reliability of content packs which are essential for using the products <i>(Python, XML, Jenkins)</i>Worked in an Agile SCRUM based system. Created user stories for own features that after supervisors approval were integrated into the tools. <i>(Azure, Jira, Confluence, SCRUM)</i>
VOI Technologies JULY 2019 - JULY 2020	Vehicle Operations Specialist - Aarhus, Denmark <ul style="list-style-type: none">Maintained fleet of shared scootersManaged geofencing and was involved in effective and reliable scooter deployment to maintain availability.Helped implement and maintain parking model through collaboration and feedback from the municipality and supervisors. <i>(Geojson)</i>

PROJECTS

(Not) Pirate Bay SEP 2021 - DEC 2021	<ul style="list-style-type: none">A small project to put cloud knowledge into practiceDeveloped a FastAPI based serverless backend service connected to AzureSQL to store and serve movie and user data. <i>(Python, MS SQL)</i>Developed a CI/CD pipeline for deployment <i>(GitHub Actions)</i>Built <i>(JavaScript, React)</i>
Environment Monitoring FEB 2020 - JUN 2020	<ul style="list-style-type: none">Developed a REST API backend with data warehousing and PowerBI for a "Space station" environment monitoring project.Project included a sensor array connected to the backend which stored relevant data and exposed multiple endpoints to an Android app. <i>(C#, MS SQL server, PowerBI)</i>
PartyPlanner SEP 2019 - JAN 2020	<ul style="list-style-type: none">Developed heterogenous web-service based system that helps students ease their way into social life during their university studies. <i>(Java, C#, PostgreSQL)</i>

OUTREACH

VIA University College FEB 2019; SEP 2019	Mentor Mentoring and tutoring for 1st semester students
VIA Hack MAY 2019	Attendee Developed a concept for play-centre which allows university students to test their solutions on young target audience

EDUCATION

VIA University College Campus Horsens AUG 2018 - PRESENT	Bachelors Software Engineering
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TECHNOLOGIES & SKILLS

Python (FastAPI, pyodbc, scikit-learn, pytest), **Azure** (Serverless, AzureSQL, Active Directory, Azure Web App), **JavaScript**, **Java**, **PostgreSQL**