

Mihajlo Maksimović

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MOTIVATION

I am a software engineer with 2 years of experience in developing and maintaining various systems. My focus is on backend development in the Node.js ecosystem, mostly in cloud environments like AWS. Although, I am comfortable and have experience in other environments too. My current goal is to expand my knowledge by working on challenging projects and collaborating with more experienced engineers.

EXPERIENCE

Software Engineer, Lambdaworks

August 2022 - present

As a software engineer, my responsibilities included:

- Implementing new features which allowed the project to be sold to multiple high stakes clients
- Maintaining existing codebases
- Mentoring new students and monitoring their performance
- Meeting with clients and discussing the implementation of new features
- Setting up new projects

During my time at the company I worked on multiple projects. The projects I worked on include: a food nutrition platform, a Slack office tool, a car export platform and a notification assistance platform.

EDUCATION

Faculty of Technical Sciences, Novi Sad

September 2019 - 2023

After finishing mathematical school in my hometown of Subotica, I started studying Computer Science and Automation at the Faculty of Technical Sciences with a major in Applied Computer Sciences.

SKILLS

Typescript (Express.js, Nest.js, Next.js, React, Angular), Python (Flask), Go, SQL, Java (Spring Boot), C# (.NET)

AWS (DynamoDB, Cognito, EC2, ECS, SES, Lambda, S3, RDS, CDK, Route 53), Docker, PostgreSQL, MongoDB, RabbitMQ, MySQL, Git, GraphQL

Comfortable using Linux OS and its terminal

LANGUAGES

Fluent in Serbian (native language) and in English

PERSONAL PROJECTS

Python microservice — *Bachelor's project*

<https://github.com/mihajlo-ra92/python-microservice>

This project is written in Python using the Flask framework. It consists of multiple services communicating with each other, Traefik as a reverse proxy, OpenTelemetry for implementing metrics and tracing, Jaeger and Prometheus for displaying them, Docker for containerization and React for the frontend.

AirBnb clone — *XML and web services (XWS) project*

<https://github.com/mihajlo-ra92/XML>

A university project written in Go and Angular with a focus on learning microservice architecture. The backend consists of multiple Go services with gRPC communication using a MongoDB database.

Mini golf simulation — *Numerical algorithms and numerical software (NANS) project*

https://github.com/mihajlo-ra92/NANS_MiniGolf

This project is written in Python using Numpy for mathematical calculations and Pygame for the GUI. All the numerical algorithms are self written including Euler's linear motion, Separating Axis Theorem and others.

Open AI Gym Acrobot — *Basics of computer intelligence (ORI) project*

https://github.com/mihajlo-ra92/ORI_Acrobot

This project is written in Python using Tensorflow for building a deep Q-network that solves the Open AI Gym Acrobot environment.