

Dominik Kotarski

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📄 dojitza.github.io

Education

2015–2020 **Master of Science in Computer Science**, *University of Zagreb, Faculty of Electrical Engineering and Computing*.
Computer science

Experience

2019–2020 **Embedded software engineer**, *aconno*, Zagreb, Croatia.
Developed and maintained firmware responsible for a wide array of products based on nrf52832 SoC and nrf9160 SiP. Worked with c/c++ in an embedded context. Attained experience with system level programming on both bare metal and lightweight RTOS supported systems.

2020–Present **Software engineer**, *ZG Informatika*, Zagreb, Croatia.
Developing software across the web stack and mobile. Specializing in React, React-native, Java and SQL

Technical skills

Learning Machine learning, GCP, AWS, Azure, Go, Kubernetes, Docker, WebRTC
Intermediate Linux, Flask, Django, JAX-RS, Quarkus, C/C++
Advanced JAVA, PYTHON JavaScript, React, React-native

Highlighted Project work

2021–Present **Maintainer**, *Streemless*, personal project.
Working on browser-WebRTC-based solution to enable simple and convenient multiroom audio playback

2020 **Maintainer**, *ispovesti.ml*, personal project.
Gained experience in developing and deploying a React based frontend and a python-flask based backend solution. Experimented and successfully deployed an asynchronous client-server text generation service. Used web crawling tools and gpt-2 based libraries to train a gpt-2 model on the target data.

2019 **Backend developer, dev-ops engineer**, *Bumpy*, Distributed software development.
Managed dev-ops tasks such as deployment and server maintenance. Aided the backend team in development. Gained experience in software development as a part of a geographically dislocated team. Expanded knowledge of software installation and integration – particularly on linux servers.

Languages

Croatian **Mother tongue**
English **Proficient**

Fluent in both written and spoken