

**Mislav Vuletić**

✉ mislav.vuletic@gmail.com

☎ (+385) 98 9866 039

in/MasterMedo

🐙/MasterMedo

## WORK EXPERIENCE

---

### Software Engineer at Google

Jul 2022 — Present

- Working on the platforms integration team — Core, General (Search)
- Building tools for access management and production deployments

### Software Engineer at Snowfall Ltd.

Jan 2022 — Jul 2022

- Developed a distributed microservice API for scheduling and booking multimodal journeys by combining offerings from railway, ferry and airline providers
- Followed best practices of JSON:API, conventional commits, trunk based development, CI/CD, build system, tracing, logging
- **Tech stack:** Python, Go, Pants, Starlette (FastAPI), Nomad, docker, pydantic

### Software Engineer at Memgraph Ltd.

Mar 2021 — Jan 2022

- Created an Object Graph Mapper (OGM) python library, enabling schema validation, using multiple databases and testability of Graph Databases
- Developed streaming graph applications at a biweekly cadence, by leading product development, resulting in 4–7% growth in key product indicators week-over-week
- Consolidated all website sub-domains to sub-directories, by utilizing the power of Cloudflare workers, leading to higher search engine rankings and improved control over the website content
- Published internal products on official package repositories, by creating and packaging Docker images and PyPI packages, resulting in wider product adoption and superior ease-of-use
- **Tech stack:** Memgraph, Kafka, Redis, Python, Docker, AWS, Cloudflare, Flask, Node.js, React, Vue, Rust, Go

### Software Engineer, Tutor (Independent)

Feb 2019 — Mar 2021

- Developed a proof of concept tennis club website with Java Spring and React
- Wrote unit, integration and end-to-end CI/CD tests with GitHub, newman, C# and SQL stored procedures
- Taught Python, C# .NET Core, and algorithms to 3 engineering students

### Software Engineer at Addiko Bank d.d.

Feb 2019 — Sept 2019

- Created a unified API system to query data warehouses from multiple banks, by designing and developing an object relational mapper, increasing loan approval calculation precision by 5%
- Mentored a team of two analyst-turned-software-engineers, by teaching them system design and software engineering principles, helping them accomplish their goals and transition successfully
- **Tech stack:** C# .NET Core, SQL, Swagger (OpenApi)

## EDUCATION

---

### Master's degree, Computer Science

Sept 2018 — July 2020

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia  
Poznań University of Technology, Faculty of Computing, Poland (Student Exchange)

### Bachelor's degree, Computer Science

Sept 2015 — July 2018

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia

## RELEVANT PERSONAL PROJECTS

---

featured on  GitHub

### Ticket-tracker

Dec 2020 — present

- designed and developed a **bug tracker** using *flask-sqlalchemy-react* stack
- implemented JWT authentication, url queries, data management
- tags: *flask, sqlalchemy, react, marshmallow, unittest, jwt, restx, migrate, typescript, hooks, openAPI*