

Mislav Vuletić

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in/MasterMedo

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RELEVANT WORK EXPERIENCE

Lead Growth Engineer at Memgraph Ltd.

Mar 2021 — Present

- built streaming graph applications at a biweekly cadence, by identifying market gaps and pursuing opportunities, leading to 4–7% growth in key product indicators week-over-week
- set up company-wide analytics (product and marketing), by creating a number of scripts to gather data, resulting in producing tangible goals and a way to track progress
- 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

Freelance Software Engineer and Programming Instructor

Feb 2019 — Mar 2021

- developed multiple APIs and increased test coverage by 70% in three codebases, enabling improvements on long untouched code
- taught algorithms and data structures, helping clients stay motivated and accomplish their goals
- **tech stack:** .NET Core, Spring, Flask, C#, Java, Python

Lead 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

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*

Typetest

Aug 2019 — present

- built a terminal application for testing, analysing and improving typing speed
- created and published a PyPI package, by collaborating with the open source community to create a superior product, increasing user typing speed by 10% month-over-month

COMPETITIONS

- Advent of Code — reached **top 100** several times
- Memgraph Hackathon 2021 — **1st**, best graph algorithm
- Google HashCode 2020 — **1st** in cluster, top 3 in Croatia
- Croz CodeQuest 2017 — **3rd** and 7th place