

ALEKSA TEŠIĆ

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ABOUT

Software engineer experienced in building and maintaining microservice oriented projects. Always programming something. Currently mostly interested in DevOps.

SKILLS

ACTIVELY USING NOW	CURRENTLY LEARNING	HAD SOME EXPERIENCE
Python TS / JS React Ansible MongoDB Bash	Terraform GCP	C C++ Java Haskell R
ACTIVELY USED BEFORE	COLLABORATION	SPOKEN LANGUAGES
Node + Express Postgres	Git Jira Confluence	Serbian (<i>Native speaker</i>) English (<i>Excellent</i>) German (<i>Basic</i>)

EDUCATION

University of Belgrade, Faculty of Mathematics 2017 – present
Department of Computer Science - Informatics BSc, GPA: 8.50/10

WORK EXPERIENCE

Itekako September 2020 – present
Junior Devops Engineer (Ansible, linux administration, deployments...)

Penta Fintech March 2019 – August 2020
Junior Backend Engineer (Node + Express, Postgres, Typescript)

Upwork / Freelancing December 2017 – March 2019
Individual development work, from planning to QA. Mostly in Python.

Junior Associate in Petnica 2017 - present
Junior Associate on Computer Science and STEM departments in IS Petnica.

SELECTED PROJECTS

Notify Me (Python, React, Selenium Scraper, Microservices)
Monitors web pages for you and sends you an email if the page has changed. (Can be shown if requested, repos are private).
Flask backend, React front, 4 dockerized microservices, Selenium scraper. CI / CD via GCP.

[notify-me.rs](#)

Chat System (React, Node + Express, Socket.io, Typescript)
Simple real-time chat app which supports groups. Chat history is stored in memory. Made as a part of Computer Networks course on faculty.

[Github Link](#)

Vehicle autopilot using fuzzy controllers and metaheuristics (Python, Genetic Algorithms, Fuzzy Systems)
Optimization of the fuzzy parameters for the fuzzy system. Fuzzy system was controlling the vehicle, and the goal was to improve the controls via GA.

[Github Link](#)

GitHub Network (Python, Web Scraping)
Program which maps my GitHub network and makes a nice image out of it.
Made it for fun.

[Github Link](#)

Music Fractals (Python, DSP)
Program which distorts Sierpinski triangles based on the amplitude of the given signal.
Made for geometry project on faculty.

[Github Link](#)

Google Form generator (Python)
Created a language which enables you to make a Google Form from a specific file.
Made for TEH department in Petnica.

[Github Link](#)

Other projects are also located on my GitHub page, although not all of them are public.