Nikola Tasić

Hi, my name is Nikola. I'm a nerd and an aspiring software engineer specializing in the development of web systems. Among the wide spectrum of my interests, I would emphasize backend web development, dev-ops, Linux systems and clean reusable architectures. I base my knowledge off of late Richard Feynman's quote ''What I cannot create, I do not understand.'' which can be observed on my github/website. Also, Robert C. Martin had an enormous influence on me with his book Clean Code which felt eye-opening and relatable on numerous levels. I think I am honest, enthusiastic, easy to work with, more than eager to learn more and also willing to think outside the box to solve any problem. Also, I am a big advocate for open-source software. Besides programming, I'm interested in space exploration and documentary photography.

Education

- **2022** – **present** – Student of Master academic studies at University of Nis, Faculty of Electronic Engineering,
Department of Computer Science and Informatics, Software Engineering

- **2018** – **2022** – Graduated at Metropolitan University, Faculty of Information Technologies, software engineering department. Undergraduate thesis: link.

Courses

- **2017** – Multiple Web Development courses

Contact

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Skills

Languages: Java, Kotlin, Python, JavaScript(TypeScript), Bash, C/C++, Go, Rust, C#.
Technologies/Frameworks: Spring Boot, Flask, React, Redux, Angular, Express.js, NestJS, AWS, Docker, Kubernetes, Flyway, Liquibase, Swagger, Junit, Pyunit, Linux, MySQL, MSSQL, Postgres, MSSQL, MongoDB, Nginx, AWS, Git{Lab,Hub} CI/CD, Git, *NIX CLI, Jira.
Spoken languages: Serbian, English.

Experience

Software engineer, Tech mentor
February 2022 – present
Software engineer at Vega IT working on various projects and as a Java **Tech mentor**. Work included working on a service-oriented employee skill and status tracking system as a **Backend developer**, crypto-currency banking integration system mainly as a **Spring Boot Developer** and also as a **Full-stack** developer using popular **JS** technologies. Together with regular engagements, my tasks included mentoring and helping colleagues master **Java** related technologies as a part of my Tech mentor role. There I was in charge of conducting daily **code reviews**, teaching sessions, tracking their progress. Also, I was in charge of conducting regular **technical interviews** for both frontend and backend positions of various seniority.

Software developer
October 2019 – June 2022
Software developer at Metropolitan University Faculty of Information Technologies involved in development of service oriented modular informational systems using mostly **Angular**, **React**, **Spring Boot** and **Flask**. Experience in setting up production environments on various **Linux** servers. Took part in a great deal of problem solving and debugging of production systems. Experience in database design, backup and migrations mostly **MySQL** but also NoSQL databases such as **MongoDB**. Mostly focused on developing clean backend API's with complex database structure.

Backend developer
December 2020 – June 2021
Co-developed and managed a real estate advertising system for a domestic real estate business.

Backend developer
April 2021 – July 2021
Backend and architectural engineer of a employee management system with analytics for a local massage centre.

Full-stack developer
Februray 2020 – August 2020
Developed and deployed a web system consisting of a website, a webshop and a blog for a local massage centre.

Pet projects

grain (Java) github.com/7aske/grain

Zero dependency Web framework based on Spring.

lang (C) github.com/7aske/lang

Very small feature set programming language that compiles to x86.

rgs (Rust) github.com/7aske/rgs

CLI tool for batch git repository management.

springstrap (TypeScript) springstrap.7aske.com

Utility for generating complete REST CRUD Spring Boot applications from database schemas.

strap (Kotlin) github.com/7aske/strapparser

Spring Boot application generator using a custom DSL.

pagesave (Kotlin) github.com/7aske/pagesave

Service that takes a screenshot of a webpage serves it as an image.

xinp (C) github.com/7aske/xinp

Scriptable and customizable input box for X11.