

Jovan Vuleta

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Skills

- Python | Java | JavaScript | Solidity | PostgreSQL | MySQL | Node | Express | React | NoSQL | Git | Flask | Spring Boot | GraphQL
- AWS | Cloud Computing | CI/CD | Unit Testing | Lambda | OOP | Docker | Kubernetes | Serverless | Terraform | Okta | Heroku
- Microservices | Distributed Systems | Blockchain | Backend | DevOps | English, German, Spanish – *English professional proficiency*

Experience

Backend and DevOps Engineer Full-Time [Chainport](#) Belgrade, Serbia 07/2021 - Current

- Worked on Web3 Custodian Bridge with TVL over \$400K and support over 15 chains using **Python, Serverless**, AWS, and AuroraDB.
- Designed and decoupled monolith architecture to microservice architecture, which resulted in porting decrease time of 60%.
- Mapped the whole AWS architecture to **Terraform** and managed the whole company CI/CD flows for all teams.
- Setup of Okta for VPN usage of the AWS RDS cluster instances throughout all projects in the company.
- Configured file-change serverless file deployment system, which resulted in 70% less CI/CD minutes and bill reduction.

Lead Backend Engineer Part-Time [Blue Growth Cluster](#) Belgrade, Serbia 05/2022 - 02/2023

- Led the design and development of an E-Commerce store for the Montenegro fisherman committee.
- Using the latest technologies of **Python, Flask-RESTX, PostgreSQL, SQLAlchemy, Heroku, Cloudinary**.
- Designed and implemented scalable APIs for quick user access, and frontend interaction with the backend through JWT authentication.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

R&D Engineer, Contract Part-Time [Eulith](#) Belgrade, Serbia 10/2022 - 02/2023

- Researching all top-tier on-chain data providers in the crypto space, and implementing arbitrage opportunities for multiple DEX's.
- Working closely with Uniswap V3 protocol and implementing alerting systems on the chosen LP token pairs using **Rust, GraphQL**.
- Working with EC2 instances for fetching the Ethereum mempool data and processing it to the S3 Glacier using **Python**.

Lead Backend Engineer Part-Time [Wevolv](#) Belgrade, Serbia 07/2021 - 11/2021

- Led the design and development of a Career Social Media Platform for basketball players located in the US.
- Microservice architecture built with latest technologies **Java, Spring Boot, Eureka Service Discovery, PostgreSQL, RabbitMQ**.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

Backend Engineer Full-Time [Alteatec](#) Belgrade, Serbia 07/2020 - 07/2021

- Working in a microservice environment for various Casino gambling portals, used technologies are **Java, Spring Boot, PostgreSQL, SP's**.
- Designed and implemented the REST API's for specific client casino needs and working with complex stored procedure SQL scripts.
- Refactored legacy Hibernate code with Spring Data JPA and did query optimizations for high volume clients.

Backend Engineer Full-Time [Cubes](#) Belgrade, Serbia 10/2019 - 07/2020

- Designed and implemented Back-Office functionalities for client needs, using technologies **Java, Spring MVC, Hibernate, MySQL**.

Education

Bachelor of Science [Singidunum University](#) Belgrade, Serbia 08/2017 - 12/2022

- Major in Data and Computer Engineering

Projects

- **Blog CMS:** Content management system for Blog owners (Java, Spring MVC, Thymeleaf, PostgreSQL, JS, HTML, CSS). (12/2019)
- **Goblin Combat Game:** Designed and developed a game with combination of Arduino hardware game interaction and Python. (03/2018)

Mentorship

- **Advanced Student Group:** Faculty Mentor responsible for mentoring and giving career advice to SWE students (10/2019 - 10/2022)
- **Computer Science Tutor:** Programming | Data Structure and Algorithms | career advice | coding interview prep | professional portfolio

Others

- ETHGlobal Bogota Hackathon winner: Won 1st prize for best use case [application](#), built on top of Mina protocol. (10/2022)
- Certificate of German Language Proficiency B2 (06/2021)
- Certificate of Spanish Language Proficiency A1 (02/2023)