Vladimir Jovin

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EDUCATION

Faculty of Technical Sciences, University of Novi Sad   Novi Sad, Serbia
Master of Computer Science   *Oct. 2022 – present*
  - Topics: Cloud Computing, Distributed systems, High Performance Computing, Parallel Computer Architecures

Faculty of Technical Sciences, University of Novi Sad   Novi Sad, Serbia
Bachelor's with honours in Software Engineering and IT (GPA 9.22/10)   *Oct. 2018 – Sep. 2022*

Jovan Jovanović Zmaj, Grammar School   Novi Sad, Serbia
Class for students talented in computer science   *Sep. 2014 – May 2018*
  - Best student of the graduation class 2018

EXPERIENCE

Bluecat Networks   Aug 2024 – Present
Site Reliability Engineer   *Belgrade, Serbia*
  - Site Reliability Engineer for Infrastructure and Data Engineering platforms on Bluecat Edge, a DNS based solution for complex hybrid cloud world
  - Implementing Data Engineering Platform, utilizing tools including AWS EKS, Apache Pulsar, Flink, Trino, Iceberg, ensuring observability and scalability of the solution
  - Managing, monitoring, and securing cloud infrastructure across multiple platforms including AWS, GCP, and Azure
  - Utilizing tools such as Terraform/Terragrunt, Pulumi, GitLab CI/CD and more to ensure that the systems are running efficiently and securely

Nordeus   Apr 2023 – July 2024
Site Reliability Engineer   *Belgrade, Serbia*
  - Performance improvements with service migrations to Kubernetes (GKE) from VM(Terraform/Ansible) setup, while also working on adapting application services (Java, Python, Golang) to GKE running environment
  - Implementing DevOps/SRE mindset with IaC utilizing tools including Terraform, Ansible, Helm, Kubernetes
  - Administering databases (PostgreSQL and Redis), also messaging brokers (Kafka and Google Cloud PubSub)
  - Providing CI pipelines built with TeamCity and Jenkins, monitoring on Prometheus and Grafana, logging solution on ELK stack

Fourity   Jan 2022 – Mar 2023
Software Engineer   *Novi Sad, Serbia*
  - Developing backend code for several projects and optimizing APIs for scalable software implementation
  - Programming in Python using FastAPI framework
  - Integrating Django application with asynchronous task execution with Celery and Redis
  - Worked on CI/CD pipelines using Docker, Drone CI
  - Managing FreeBSD environments utilizing CBSD Jail Manager

Localization Lab   2022
Global Translator Community   *Remote*
  - Technical Translation Reviewer for Tor Project

PROJECTS

Pyvera | :octocat: | *Python, Jinja2, FastAPI, MongoDB, Kafka, Docker, Nginx, Consul*   2022
  - Python code generator for the Silvera language (Bachelor's thesis)
  - Code generator for the Silvera languague, a DSL for designing microservices oriented architectures
  - Promotes faster development of microservice oriented systems
  - Generated code implements standard good patterns like Service Discovery, API Gateway, Circuit Breaker, Messaging communication

Technical Skills

Languages: Python, Rust, Java, C, Go
System Administration: GNU/Linux, Terraform, Ansible, Helm, Kubernetes, Docker, Shell scripting
Frameworks: FastAPI, Spring Boot, Tokio

Honors & Awards

Dositeja Scholarship for the best final year students 2022
- Ministry of Youth and Sport of Serbia, 2022

State Scholarship for extremely talented students 2022
- Ministry of Education, Science and Technological Development of Serbia

UNDP IoT Hackathon 2020
- Third place, ICT Cluster Central Serbia

Republic Math Competition 2018
- First place, National high school competition, final year students

About me

Passionate and driven Software Engineer, Open Source Enthusiast and a proficient Linux user. Since entering the field of Computer Science, my main goal has always been understanding the concepts and technologies, as well as ways to utilize those for the purposes of implementing systems in best way possible.

Throughout my university studies I have explored many topics of the field such as Data Structures and Algorithms, Object Oriented Programming, Compiler Design, Software Engineering Methodologies and many others. Currently, I am focusing on Parallel Computer Architectures, Distributed Systems and Cloud Computing. My main professional language of choice has long been Python, while recently I have been adopting Go and Rust.

In my free time, given that I am not working on some hobby project, I am usually invested in some literature, or playing games.