

# Vasilije Pleskonjic

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## WORK EXPERIENCE

### Esteh – Belgrade, RS

August 2022 – Present

#### DevOps Engineer (August 2023 – Present)

- Reduced annual infrastructure costs by \$4,000 by migrating 4 Node.js and Python applications from traditional VMs to Docker containers, streamlining resource usage.
- Implemented and configured CI/CD pipelines using GitHub Actions, improving the software development lifecycle for faster, more reliable application delivery.
- Deployed a scalable microservice architecture on AWS EKS with auto-scaling based on CPU usage, optimizing application performance and resource management.
- Leveraged Terraform to provision and manage development environments, enabling on-demand infrastructure resulting in reduced infrastructure costs by 30%.

#### Full-Stack Software Developer (June 2022 – August 2023)

- Developed and maintained microservice-based architecture using JavaScript/TypeScript and AWS Lambda with DynamoDB, powering a custom ordering platform for restaurants and fast-food businesses.
- Optimized serverless functions, reducing test execution time by 30%, which improved system responsiveness and development efficiency.
- Enhanced front-end components with React, improving user accessibility and ensuring a seamless ordering experience for business clients.
- Collaborated with cross-functional teams to integrate business feedback into continuous product improvements, leading to higher customer satisfaction.

## SELF EMPLOYED

### Computer Technician

September 2019 – May 2022

- Conducted diagnosis of technical issues and performed precise repairs on computer hardware
- Reinstalled and configured software to restore optimal system performance, ensuring client satisfaction

## SKILLS

- **Programming Languages:** Python, Node.js, Typescript
- **Technologies:** AWS, Docker, Kubernetes, Terraform, Linux, Git, GitHub Actions, Jenkins, Next.js, React, PostgreSQL

## PROJECTS

### Microservices Architecture on AWS repository | [Github repository](#)

Designed and deployed three microservices (user-service, transaction-service, product-service) on AWS Lambda with RDS, ensuring high availability and scalability. Implemented a CI/CD pipeline using GitHub Actions for automated testing and deployment, and provisioned infrastructure using Terraform, ensuring consistent and efficient resource management.

### GitOps Pipeline Implementation | [Github repository](#)

Built a fully automated GitOps pipeline using GitHub Actions, integrating AWS EKS, ArgoCD, and Grafana + Prometheus, resulting in improved deployment frequency and reliability. Automated AWS infrastructure provisioning with Terraform to support scalability and consistency.

### Jenkins CI/CD Pipeline for Java Applications | [Github repository](#)

Built a robust Jenkins pipeline for automating the testing, security scanning (Trivy), and deployment of Java applications using Maven, SonarQube, Docker, and Kubernetes. Automated provisioning of AWS infrastructure, including EKS clusters, with Terraform, improving deployment efficiency and reducing errors.

## CERTIFICATIONS

AWS Cloud Practitioner