ALEKSA TEŠIĆ

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ABOUT

Software engineer experienced in designing, building and maintaining distributed systems from the ground up. I've worked on every part of the stack, from bare metal deployments to frontend frameworks. My side project, Notify Me, has been running for 3 years now and has about 4000 customers, some of which paying. I love making internal tooling that helps other engineers thrive and increase their velocity and I love working on concrete products that are being actively used by people.

Skilled in Python, Go, TypeScript and everything cloud related. Looking for an opportunity where I can further improve my leadership and technical skills and where creating a superb product is a priority. I'm open to both part-time and full-time positions.

WORK EXPERIENCE

Software Engineer - Microsoft (April 2024 – present)

- Leading WALI team's writing assistance features integration across Microsoft products (Outlook, Word, Teams)
- Managing SDK integrations for 6 different product teams, ensuring best practices and timelines
- Optimized CI/CD pipelines to improve build performance

Co-Founder - Notify Me (October 2018 – present)

- Built and launched website monitoring SaaS product serving 4,000+ users with 1.7k monthly visitors
- Developed full-stack application including payment system integration from scratch
- Migrated infrastructure from GCP to self-managed Kubernetes cluster on Hetzner with < 1h downtime
- Architected microservice-based system (9 services) using MongoDB, RabbitMQ, Prometheus and Grafana
- Achieved 2-minute deployment pipeline from commit to production
- **Currently working on this product with 2 other people in our spare time**

Board Member at Petnica Science Center (September 2023 – present)

- Leading STEM department and serving on PSC board (volunteer position)
- Managing team of 15 assistants across 3 different courses, organizing lectures and workshops for high school students
- Responsible for department budgeting, scheduling, and curriculum development
- Contributing to strategic planning and stakeholder negotiations with sponsors and government officials
- **This is a volunteer position that I do in my spare time.**

SRE & Software Engineer - Tenderly (March 2022 – November 2023)

- Led internal tooling development and CI/CD infrastructure for entire company
- Designed and extended custom configuration system for backend codebase
- Built and maintained in-house CLI tool reducing deployment time to < 10 minutes
- Scaled CI/CD pipeline to support 3 Kubernetes clusters and 2x engineering team growth
- Developed microservices that caught regressions on our main pipeline

Devops Engineer - Connect the Dots (September 2021 – March 2022)

- Led migration from Docker to Google Kubernetes Engine (GKE) infrastructure
- Implemented distributed tracing across microservices to optimize performance
- Developed and enhanced CI/CD pipelines using GitHub Actions
- Managed Infrastructure as Code (IaC) deployments with Terraform

Junior Devops Engineer - Itekako (September 2020 – June 2021)

- Deployed and managed bare metal infrastructure using Ansible and Vagrant for multiple clients
- Implemented automated CI/CD pipelines and monitoring solutions for client applications
- Developed automation scripts using Bash and Python to streamline operations
- Provided technical support and infrastructure guidance to development teams

Junior Backend Engineer - Penta (now Qonto) (March 2019 – August 2020)

- Implemented CRUD endpoints and integrated third-party service APIs
- Led migration from ES5 to ES6 TypeScript codebase
- Decomposed monolithic architecture into microservices
- Developed and maintained backend infrastructure

EDUCATION

University of Belgrade, Faculty of Mathematics (2017 – 2021)
Department of Computer Science - Informatics BSc