

ALEKSA TEŠIĆ

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ABOUT

Passionate about building good products. Looking for a product engineer role since the intersection between product and engineering is where I thrive.

I consider myself a jack of all trades - I've worked on everything, from bare metal deployments to creating decent looking UI on the frontend. At this point I consider myself language agnostic, but my favorite ones are **Python** and **TypeScript**. I've also extensively used **Go**.

I spend **A LOT** of my free time on my side projects (most successful one has 10k users and \$400 MRR) and on volunteering, which explains the extensive list of projects and off-work activities you'll see in the section below.

EDUCATION

University of Belgrade, Faculty of Mathematics (2017 – 2021)

Department of Computer Science - Informatics BSc

EXPERIENCE

Software Engineer - Microsoft (April 2024 – present)

- Optimized CI/CD pipelines. Reduced total pipeline run time by 10% and compute time used by 20%
- Improved Microsoft Copilot performance in Word Online by comparing multiple different formats for copilot instructions
- Working on improving and maintaining tables and lists in Word Online (**React**)
- Managed SDK integrations for 15+ internal teams (Excel, AI Hub, Outlook...), ensuring that timelines and best practices are met
- Created and improved onboarding guide for the newcomers in the team reducing onboarding from 2 weeks to 1 day
- Added visual coherence features that enabled our partner teams to quickly switch to the new UI

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

- Website monitoring SaaS serving 10,000+ users with 3k monthly visitors and \$400 MRR
- Currently focused on **product development**, but handling everything from engineering to sales and customer support
- Wrote all of the frontend code (**React + Tailwind**) and iterated on it based on the customer feedback
- Implemented **custom agent pipeline** to filter relevant site changes and reduce false positives
- Integrated payment system (Lemon Squeezy) completely from scratch
- Architected microservice-based system using **MongoDB**, **RabbitMQ**, **Prometheus** and **Grafana**
- Migrated infrastructure from **GCP** to self-managed **Kubernetes** on **Hetzner** with < 1h downtime
- Achieved 2-minute deployment pipeline from commit to production

Co-Founder - Koferče (January 2025 – present) - Side Project

- Travel agency aggregator for Serbian market
- Wrote custom **web scrapers** and data pipeline to retrieve offers from 16 different travel sites
- Implemented custom **AI-based filtering and extraction** to standardize the data
- Visitors describe their ideal destination in a few sentences and get matched with appropriate offers
- Offer matching achieved through **vector database** and simple **RAG pipeline**

Vice President of the Board at Petnica Science Center (PSC) (September 2023 – present) - Volunteering

- Non-profit educational center that organizes activities for high schoolers and students
- Co-leading STEM department and serving on PSC board
- Leading a team of 30 teaching assistants across 4 courses throughout the year
- Responsible for department budgeting, scheduling, and curriculum development
- Organizing annual **Web3 camp** for students. Focused on social media presence and finding sponsors for the camp
- Contributing to strategic planning and negotiations with sponsors and government officials
- Implemented donation page with direct bank integration doniraj.petnica.rs
- Occasional IT support (troubleshooting, workspace administration, laptop setups etc...)

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

- Led **internal tooling development** and CI/CD infrastructure for the entire company
- Built and maintained in-house CLI tool that enabled 10-minute deployment pipeline from commit to production
- Scaled CI/CD pipeline to support 3 **Kubernetes** clusters and 2x size increase in engineering head count
- Designed and extended custom configuration system for backend codebase
- Developed microservices that caught regressions on main backend data pipeline critical to company infrastructure

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

- Led migration from **Docker** to **Google Kubernetes Engine (GKE)** infrastructure
- Implemented distributed tracing to optimize performance and find bottlenecks
- Developed and improved CI/CD pipelines using **GitHub Actions**
- Managed Infrastructure as Code 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
- Migrated parts of the TypeScript codebase from ES5 to ES6 standard
- Decomposed monolithic architecture into microservices
- Developed and maintained backend infrastructure