

Dashgin Khudiyev

Software Engineer with Expertise in Web Development and DevOps

Location - Azerbaijan, Baku

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Blog - <https://blog.dashgin.com>

CAREER SUMMARY

Experienced software engineer proficient in Python and JavaScript, specializing in web development with Django, FastAPI, and React. Strong skills in database management, version control, cloud platforms, DevOps, CI/CD, and monitoring solutions. Demonstrated ability to deliver high-quality software and a track record of successful projects.

WORK EXPERIENCE

Digital Research Lab | Software Engineer | January 2022 - Present

- Worked as a backend developer and DevOps at a startup that had customers and had already raised funds, focusing on a B2B web application for supply chain management for large enterprises.
- Successfully refactored and rewrote a codebase, resulting in passing web scans and penetration tests easily required by the customer company, reducing CPU and memory usage by 4 times, and increasing speed on the main functionality by 20 times.
- Led the transition from a monolithic structure to microservices as the team expanded, managing all backend architecture aspects, including implementing an API gateway, authorization system for microservices, establishing internal communication between microservices, writing an SDK for microservices, containerizing microservices, and deploying them to the cloud.
- Reviewed pull requests and ensured adherence to data security and coding conventions.
- Interviewed and evaluated new candidates for the team.
- Supervised a junior engineer in a separate project, providing guidance and feedback.
- Mentored an intern, defining tasks and boosting their technical development.

PROJECTS

sukanaz.com

Developed a student management system, developing RESTful APIs for admin and user management, image processing, and Google Drive API integration.

itopix.io

Developed backend side and deployed an HR management tool with RESTful APIs and seamless payment processing integration, streamlining HR processes for the organization.

SKILLS

- Programming Languages: **Python, JavaScript**
- Web Development: **Django, FastAPI, React**
- Other: **PostgreSQL, Redis, database indexing, Apache Kafka, ElasticSearch**
- Version Control: **git, GitHub, GitLab**
- Cloud Platforms: **Azure, DigitalOcean, AWS**
- DevOps / deployment: **Linux, Nginx, Docker, Docker Compose**
- CI/CD: **GitHub Actions, GitLab CI/CD**
- Monitoring and Logging: **ELK Stack, sentry, GrayLog**

TEACHING EXPERIENCE

Orient Academy | Instructor | September 2023 - Present

Teaching Object-Oriented Programming, Python, and web programming.

Brain-Centers Organization | Instructor | October 2022 - November 2022

Instructed students in Python and Object-Oriented Programming.

Guided students in building a "gender and age detection from face system" as a final project.

EDUCATION

Bachelor of System Engineering - Azerbaijan State Oil and Industry University | 2019 - 2023