

Soroush Alinia

Python Backend Engineer - DevOps Engineer

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PROFESSIONAL SUMMARY

Performance-driven Software Engineer specializing in Python Backend Development and DevOps infrastructure. Proven track record architecting highly available, self-hosted environments and optimizing deployment lifecycles under restrictive network conditions. Expert in building secure, scalable REST APIs using FastAPI and Django, automating cloud-native systems via Docker and Kubernetes, and implementing robust monitoring systems for real-time observability.

EXPERIENCE

Software Engineer (Backend & DevOps)

Dec 2024 – Present

Benobe

Remote

- Engineered end-to-end automated pipelines using self-hosted runner infrastructure, optimizing workflow processes to achieve a maximum 3-minute commit-to-deployment execution time.
- Architected resilient production environments utilizing Docker, Nginx, and system containerization, significantly elevating overall deployment reliability and scaling capabilities.
- Implemented proactive health checks and integrated real-time error alert messaging channels, accelerating incident detection and reducing mean time to resolution (MTTR).

Full-Stack Software Engineer (Freelance)

Sep 2023 – Dec 2024

Self-Employed

Tehran, Iran

- Designed and delivered multiple client-facing applications utilizing FastAPI, Django, and PostgreSQL from initial system architecture through to production environments.
- Optimized database access patterns, connection pooling, and caching layer performance using PostgreSQL and Redis workflows.
- Built production-grade, highly maintainable REST APIs leveraging Clean Architecture concepts, robust JWT-based authentication mechanisms, and strict automated testing suites.

Open Source Contributor

Dec 2025 – Present

Parch Linux

Remote

- Engineered and optimized custom OS distributions built on the COSMIC desktop environment, implementing automated ISO generation workflows.
- Maintained core technical release pipelines, build automation scripts, and comprehensive system release documentation.

PROJECTS

Gymzy.ir | FastAPI, Nuxt.js, PostgreSQL, Docker, Linux

2026 – Present

- Architected and launched a gym discovery platform MVP, handling system backend infrastructure, production hosting, and automated deployments.
- Developed scalable indexing mechanisms using FastAPI to serve low-latency search, advanced filtering, and high-performance comparison endpoints.

Infra Template | Docker, Nginx, Nexus, Bash, GitLab CI/CD

2025

- Designed a reusable infrastructure blueprint enabling instant orchestration of self-hosted Git repositories, private artifact management, cloud storage, mail components, and unified CI/CD systems.

Namira | Golang, Svelte, Docker, Bash

2025

- Contributed to an open-source connectivity framework by developing monitoring dashboards, engineering low-overhead proxy benchmarking systems, and refining routing tools.

CERTIFICATES

Associate DevOps Engineer

Nov 2025

Arvan Academy

TECHNICAL SKILLS

Programming Languages: Python, Go, JavaScript, TypeScript, Bash, SQL
Backend Frameworks & Concepts: FastAPI, Django, Django REST Framework, System Design, Clean Architecture, Microservices, JWT, Testing
DevOps & Infrastructure: Linux Systems, Docker, Kubernetes, Terraform, Ansible, GitLab CI/CD, ArgoCD, Nginx, IaC
Databases, Caching & Queues: PostgreSQL, Redis, MongoDB, RabbitMQ, Celery
Monitoring & Observability: Prometheus, Grafana, Alertmanager
Frontend Stack (Cross-Functional): React, Next.js, Vue.js, Nuxt.js, Svelte, Git

EDUCATION

Master of Industrial Engineering <i>Islamic Azad University, Qazvin Branch</i>	2023 – 2025 <i>Tehran, Iran</i>
Bachelor of Industrial Engineering <i>University of Guilan</i>	2019 – 2023 <i>Rasht, Iran</i>