Ali RajabNezhad

Software Engineer

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SUMMARY

As a skilled software developer with 8 years of experience, I've built a Python web framework called Panther 🔗 . My skills include writing code, managing projects, and working well with teams.

SKILLS

Programming Languages/ Web Frameworks: Python │ Go │ Django │ FastAPI │ ...

Databases: PostgreSQL │ MongoDB │ Redis

Monitoring: Grafana │ Prometheus │ Loki │ FluentBit │ Promtail

Other Tools & Technologies: Git │ Linux │ Docker │ Swarm │ Kubernetes │ Kind │ NginX │ Traefik │ Ansible │ AWS S3 │ GitHub Actions │ GitLab CI │ Vagrant │ Celery │ RabbitMQ │ Kafka │ WebSocket │ Metabase

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PROFESSIONAL EXPERIENCE

Software Engineer   05/2024 – present
Yektanet 🔗
- Serving Team
  - Designed and implemented a frequency-cap system.
  - Optimized the Auction algorithm based on A/B test results.
- Ghollak Team
  - Enhanced Core Architecture, Refactored queries and improved database performance
  - Engineered a new CRM and migrated the old database and files with only a few minutes of downtime.
  - Designed and implemented a push-notification system

Open Source Project   11/2023 – 05/2024
PantherPy.GitHub.io 🔗
- Async Python Web Framework
- Weekly Download ~= 2,628 🔗
- Third Fastest Python Web Framework -> Benchmark 🔗

Software Engineer   12/2022 – 11/2023
Digikala (Digify.shop) 🔗
- Engineered robust database replication systems, enhancing data consistency across servers
- Implemented Traefik-based load balancer
- Refactored slow SQL queries, reducing average query execution time by 30%
- Integrated third-party shipping/ payment services (Miare, Alopeyk, Digikala drop shipping, Zarinpal, ...)

Software Engineer   01/2022 – 12/2022
Hamrahe Aval 🔗
- Engineered a Learning Management System (LMS) for Shad.ir 🔗
- Designed and implemented a local object storage system, similar to MinIO
- Developed and integrated "Bot Father" 🔗 for Rubika.ir 🔗 , serving over 37 million users

Backend Team Lead   01/2020 – 12/2021
ReVision
At a startup company, I developed the backend of several products:
- Sandbad Super App • ReVPN • ReMenu • AshinehStudio • Podingo.com 🔗

Freelance   2018 – 2020
- Implemented several applications (HiCoffee, SportHub, ...)

EDUCATION

PhD Candidate in Computer Engineering (System Architecture)   2024 – present
Islamic Azad University - Tehran North Branch

MS in Computer Engineering (Software)   2021 – 2023
Islamic Azad University - Tehran West Branch

BS in Computer Engineering   2016 – 2021
Islamic Azad University - Tehran North Branch