

Ali Chitsazian

Senior Python Developer

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ABOUT ME

Software Developer with 4+ years of experience. Possess a strong foundation in designing and implementing various software applications. Participating in several projects with high requests per second made me an expert in designing and developing reliable architectures for complex business needs. Driven to leverage my broad development expertise and hands-on technical skills in a challenging role as a Software Architecture.

SKILLS

Technical Skills

Python, Django, FastAPI, REST API, PostgreSQL, Redis, Docker, Kafka, Kubernetes, Git, CI/CD, Microservices, Clean Code, Database Design, Jira

Soft Skills

Project Management, Brainstorming, Creativity, Lifelong Learning, Software Architecture, Agile, Scrum.

EXPERIENCE

Daani, MCI Next - Software Developer

December 2023 - PRESENT

A kid-friendly gamified search engine that employs educational games to foster safe and effective web searching skills and other life lessons in children.

- Engineered and developed robust backend services using Django, Postgres, Redis, Kafka and ClickHouse.
- Implemented data processing pipelines using Kafka, ClickHouse, Quix streams to handle live stream user events and processes like user coins change and user activity, increasing data retrieval speed by 40% and boosting application performance for users.

Zarebin, MCI - Backend Developer

November 2021 - December 2023

MCI is a subsidiary of the Telecommunication Company of Iran, The first and largest mobile operator in the Middle East. One of its main products is a topic-based search engine (Zarebin) with 2+ million active users monthly.

- Redesigned and implemented the **high-available API gateway** backend services using Python and FastAPI with over 250 requests per second and 99 percent uptime.
- Improved and scaled API endpoint performance using **Microservice architecture** up to 5x request/second.
- Used **message queues** to exchange data between microservices and achieved 3x performance.
- Getting full responsibility as **lead developer** of API Gateway and Content crawler services after 3 Months, **responsible for codebase quality and availability of services**.
- Design and develop Content crawler service that crawls more than 60000 Channels daily.

Energyyar - Backend Developer

October 2020 - November 2021

In Energyyar we provide business analytics services for performance improvement in the Fuel Supply Industry.

Benzineman is our main product and our marketplace for fuel trading. Moreover, we developed EnergyYar to simulate Energy Subsidy Reform in Iran.

- Coded and deployed Benzineman backend application as the first Energy Tokenization and Exchange Marketplace in Iran using Django, Django REST, Postgres, Redis, Celery.
- Design and develop EnergyYar simulator. We gathered 11K+ data entries with about 4K unique users.
- Worked on B2B and B2C products as product manager assistant and helped to design and launch new features.

EDUCATION

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY, IAUSTB

- Opinion mining Web Application as final project under supervision of Dr. Razieh Farazkish
- Teaching Assistant: Advance Programing | Data structure | Fundamentals of Database Design