Zahra Ashouri

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SUMMARY

As a software developer with 3 years of experience in backend development, I specialize in designing clean and efficient system architectures for data-intensive applications. I am highly adept at developing scalable solutions that optimize system performance and am committed to staying up-to-date with the latest technologies and best practices in the field. Additionally, I am seeking a challenging role abroad that will allow me to leverage my technical expertise and continue to grow as a software developer.

Competencies: Backend Developer, Software Developer, Software Engineer

PROFESSIONAL EXPERIENCE

360dialog (official WhatsApp Business API Provider)   APRIL 2023 - Present
Software Engineer

Currently employed as a software engineer within the Messaging Platform team.

- Responsible for developing a robust sender-receiver library
- Integrating the library with various components seamlessly
- Documenting workflows for improved clarity and understanding
- Creating comprehensive test suites to ensure system reliability and stability

Technologies: Flask | Redis PubSub | Docker

Myket   APRIL 2022 - MARCH 2023
Backend Developer

- Collaborated with a team of three backend developers to efficiently maintain APIs for a TVOD service with over 600k active users, ensuring seamless and uninterrupted user experience.
- Expanded a crawler service, and successfully reducing human workload by 25%
- Delivering significant network usage improvements by caching techniques from 10x to 15x, resulting in faster response times and enhanced user satisfaction.
- Implemented message queues to streamline data exchange between microservices, resulting in a 3x performance improvement.

Technologies: Django | PostgreSQL | RabbitMQ | Celery

Tapsell   MAY 2021 - APRIL 2022
Software Engineer

- Collaborated with a team of 9 data scientists and engineers to maintain the machine-learning service with about a million incoming requests per day
- Redesigned data pipelines and increased throughput metrics by 95%
- Implemented a monitoring mechanism to watch the real-time status of processes. Refer to my medium

Technologies: Python | MongoDB | Kubernetes | Redis | Prometheus | Grafana

Kavan   OCTOBER 2019 - MAY 2021

Backend Developer

- Developed and deployed a highly effective crawler service that fetched fresh data from external sources, resulting in a 50% increase in data accuracy
- Extended crawl targets from below 100k publishers to a million publishers

Technologies: Python | MySQl | Apache Kafka | Elasticsearch | Redis | Neo4j

EDUCATION

Bachelor of Computer Science   2015 - 2019

Amirkabir University of Technology *(*Tehran Polytechnic)

SKILLS

- Back-end development with Python using Django, Django REST, Flask, and Tornado
- Golang development, Git version control, Docker containerization, and CI/CD pipelines
- Experience with relational databases such as PostgreSQL, as well as NoSQL databases such as MongoDB and Redis
- Messaging systems such as Apache Kafka and RabbitMQ, as well as task queues like Celery
- Proficient in monitoring and observability tools such as Prometheus and Grafana
- Familiarity with cloud technologies such as AWS and Kubernetes, as well as search engines such as ElasticSearch and graph databases like Neo4j

INDIVISUAL PROJECTS

CFS (container from scratch)

- A golang script to create customized container space
  github.com/zahra-ash0uri/container-from-scratch

Twitter Scraper

- Written in Python to scrape tweets without access token
  github.com/zahra-ash0uri/twitter-scraper

Hackernews

- A news portal written in react.js and node.js to retrieve articles from hackernews API.
  github.com/zahra-ash0uri/hackernews

ADDITIONAL

Languages	- Persian (Native Proficiency) - English (Full Professional Proficiency)