



Zahra Ashouri

Software Engineer

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As a software developer with 4 years of experience in backend development, I specialize in designing robust solutions for data-intensive projects, ensuring optimal performance under demanding workloads. I am committed to continuous learning, and being up-to-date with best practices in the field. I am known for my collaborative approach and love for sharing ideas and knowledge with the team, fostering a positive and productive work environment. Currently, I am seeking a challenging role abroad that will allow me to leverage my technical expertise and continue to grow as a software developer.

Experience

Software Engineer at 360dialog

Apr 2023 - Jul 2023

- Enhanced message handling efficiency and reduced latency by developing a reliable sender-receiver library.
- Optimized messaging platform performance by integrating a library with multiple components, resulting in a 40% reduction in load time and improved user experience.
- Created comprehensive test suites, reducing critical bug occurrence by 80% and ensuring system reliability and stability.
- Documented workflows to improve collaboration and streamline development processes.

Backend Developer at Myket

Apr 2022 - Mar 2023

- 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 reduced 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.

Data Software Engineer at Tapsell

May 2021 - Apr 2022

- Redesigned data pipelines, increasing throughput metrics by an impressive 95%.
- Implemented a monitoring mechanism to watch the real-time status of processes. [Refer to my medium.](#)

Backend Developer at Kavan

Oct 2019 - May 2021

- Developed and deployed a highly effective crawler service that fetched fresh data from external sources, resulting in a 50% increase in data accuracy

Education

Tehran Polytechnic University

Sep 2009 - April 2013

- Bachelor of Computer Science

Skills

- Python, Django, Flask, and Tornado
- PostgreSQL and NoSQL databases such as MongoDB and Redis
- Apache Kafka, RabbitMQ
- Git, CI/CD pipelines
- Docker, Kubernetes
- ElasticSearch
- Prometheus, Grafana
- Familiar with AWS