Milad Teimouri

Senior Software Engineer

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SUMMARY

I am a software engineer with over six years of experience in e-commerce and billing companies. Experienced in migrating from monolithic to microservices and familiar with the microservices pattern. My expertise lies in PHP, SQL, and NoSQL, and I am enthusiastic about learning and utilizing my skills to develop innovative and efficient solutions.

EXPERIENCES

Digikala   **~3 yrs**
Senior Software Engineer - Platform team   *October 2020 - Present*

- Digikala Group is the largest e-commerce platform in the Middle East with +40M visitors and +5M orders per month.
- As a member of the platform(core) team, engaged in providing the infrastructure for migrating to microservices that support 20k RPS by bringing new technologies and developing our customized framework.
- Innovated a CQRS service for products that handle more than 5K RPS.
- Configured and integrated the Apache APISIX gateway that handles 30k requests as the entry point to more than 50 services.
- Rewrote shopping APIs and refactor legacy codes of digikala.com resulting in a 40% reduction in resource requests.
- Designed & Developed social e-commerce called Magnet which is like Instagram, and currently has over 1 million users and ~100k posts created per month.
- Participated in onboarding new joiners, hiring process, and revising team structure.
- Main used technologies: **PHP**, **MySQL**, **Kafka**, **Redis**, **Kubernetes**, **Gitlab CI/CD**, **Elasticsearch**, **MongoDB**, **Debezium**

Andishe Computer   **3 yrs**
Backend Software Engineer   *September 2017 - October 2020*

- Launched a billing system that is used by electricity Companies that handles the data of over 10M Power subscribers from all over the country
- Created subscriber surveillance and bill payment system that has all energy subscriber's data intended to remove bill papers (bargheman.com)
- Structured an automated payment processing system, that gathers financial data from different banks (~2k documents per day) to transmit them to each power distribution and generate financial reports, which removed the need for human work.
- Main used technologies: **Laravel**, **SQLServer**, **Docker**, **MongoDB**, **Redis**, **Python**, **C++**

Behpardaz Pishro   **6 mth**
Backend Software Engineer   *April 2017 - September 2017*

- Completed a system ordered by the Ministry of Power for gathering information about 32M subscribers of electricity from all over the country, generating reports on the data.
- Main used technologies: **Laravel**, **Oracle**, **MongoDB**

SKILLS

- Proficient in **PHP**
- Proficient in **relational databases** (**SQL**) and **Database Design**
- Experienced with **Microservices** patterns (**API-GW**, **SAGA**, **CQRS**, **Event Sourcing**)
- Experienced with **NoSQL** databases (**Redis**, **MongoDB**, **Elasticsearch**, **Memcached**, **InfluxDB**)
- Experienced with **Docker**, **Kubernetes**, **Gitlab CI/CD**, **Debezium**, **Kafka** and **Git**
- Experienced with **Python**, **Golang**, and **C++**
- Experienced with **Linux** and Server maintenance

EDUCATION

Iran University of Science and Technology
Master of Computer Networks engineering - Second Rank, 17.89 GPA   *2016-2018*
Iran University of Science and Technology
Bachelor of Computer engineering - Third Rank, 16.85 GPA   *2012-2016*