

Amir Aghaee *Software Engineer*

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🔄 AmirAghaee 🛡 Served

SUMMARY

Experienced Software Engineer with 7 years of expertise in web development, software engineering, and database management. Known for consistently delivering high-quality applications that prioritize security, resilience, and reliability. Proficient in the entire software development life cycle, from initial design to final implementation. Skilled in crafting robust and scalable applications that meet client needs and exceed expectations.

SKILLS

PHP | Laravel | MySQL | PostgreSQL | Linux | Docker | MongoDB | Apache Kafka |
kubernetes | Cockroachdb | Livewire | Git | Elasticsearch | Haproxy | Rabbitmq | InfluxDb |
Unit test | Cacti | Grafana | Prometheus | Golang | Python

PROFESSIONAL EXPERIENCE

Backend developer

09/2023

Asiatech cloud 🌐

Tehran

- Refactored a 200GB billing service database, improving query response times from ~20 seconds to 150ms, and implemented **PostgreSQL** with **Citus** sharding after evaluating **MongoDB** sharding, **MySQL Galera**, and **ClickHouse**.
- Redesigned database schema to enhance performance, scalability, and maintainability in line with business growth requirements.
- Transformed a large monolithic application into scalable and reliable microservices, enabling easier maintenance and deployment.
- Developed an **object storage** service using **OpenStack Swift** with features like versioning, pay-as-you-go billing, trash recovery, public access, and **HAProxy** integration.
- Improved system reliability and scalability through architecture changes, optimizing resource utilization and supporting high traffic demands.

Backend developer

02/2021 – 09/2023

Rahyab payam gostaran

Tehran

- Developed a SMS broker with **microservice**, **Laravel**, **CockroachDB**, **Rabbitmq**, **Reactjs** and etc. with a 99.9% uptime and a response time of less than 100ms.
- Developed a CRM that seamlessly integrated with the AZARSA platform, utilizing **Laravel**, **MySQL**, **Elasticsearch**, **Livewire**, **Nwidart**, and more. Specifically designed for libraries and bookstores, providing synchronized access to a vast collection of over 10 million books. Its key feature included fast and efficient book searching with advanced filtering capabilities.

Full stack developer

09/2022 – 05/2024

Fringe Interior

Netherland

- Designed and developed an user API service utilizing **Laravel**, **MySQL**, **MongoDB**, **Elasticsearch**, and other technologies.
- Engineered and executed an automated scraper system to efficiently crawl and archive product data from over 120 ecommerce websites.
- Implement and configure Azure storage blob to store 4TB data.
- Collaborated closely with Azure infrastructure, contributing to the setup and management of cloud resources and services.

Backend developer

03/2017 – 02/2021

Foundation of Amir Kabir University

Tehran

- Developed a VAS Gateway to connect to mobile operators (MCI and MTN) using **Nodejs** (**Express**).
- Analyzing and reporting revenue data received from operators.

CERTIFICATES

Docker 
Anisa (Iran linux house)

Openstack 
Anisa (Iran linux house)

EDUCATION

Bachelor <i>Tehran Jonob</i>	2013 – 2017 Tehran
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