

Mohammadreza Alihoseiny

SOFTWARE ENGINEER

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Experience

Arman Creative Solutions

Tehran, Iran

TECHNICAL LEAD

Dec 2020 - Now

As a technical leader at CinemaTicket, I led a dynamic team, shaping the development of Django and Angular applications through careful code reviews and craftsmanship. My role extended beyond technical prowess, collaborating seamlessly with cross-functional teams to fortify revenue streams, amplify user engagement, and solidify market presence.

- Designed a state-of-the-art ticketing and cinema management platform, driving innovation and enhancing user experience, making selling all major Movie and theater events like festivals and popular concerts possible and easy.
- Created strategic partnerships with product, marketing, and user research teams, aligning technical efforts with business objectives.
- Cultivated a culture of quality-driven development, catalyzing a 70% increase in test coverage and elevating code reliability.
- Engineered a comprehensive overhaul of the front-end architecture, achieving a notable 130% improvement in website load time and enhancing user experience while making better utilization of company infrastructure.
- And the most honorable part of this experience is that I've led a diverse, distributed, and surprisingly talented team of 6 wonderful individuals in a hybrid workspace.

Pasargad Electronic Payment

Tehran, Iran

EMBEDDED SOFTWARE ENGINEER

Oct. 2019 - Dec. 2020

- Developed streamlined and maintainable programs for embedded devices, notably POS systems, expanding support for a broader range of devices.
- Successfully ported SQLite for bare-metal devices, ensuring seamless integration into a new range of devices.
- Introduced a dynamic discount feature for DECFire MIFARE NFC cards, enhancing functionality for the Taxi fleet in Mashhad City.
- Designed and implemented a dynamic plugin system using dynamic libraries and TMS protocol, optimizing binary file size and facilitating efficient updates.

Khallagh

Tehran, Iran

FRONT-END DEVELOPER

Aug. 2015 - Oct. 2015

- Developed the user interface for the Qmery online video platform.
- Contributed significantly to delivering the VidAd advertising agency homepage within challenging deadlines.

Skills

Languages Python, C, JavaScript, Typescript

Frameworks Django, Angular

Tools Docker, PostgreSQL, SQLite, KeyDB, Redis, Kafka, RabbitMQ, Linux, Sentry, Grafana, Jira, CMake, Gnu Make, flatbuffers, GitLab

Education

Iran University of Science and Technology

Tehran, Iran

MASTER OF SOFTWARE ENGINEERING

2023

Iran University of Science and Technology

Tehran, Iran

BACHELOR OF SOFTWARE ENGINEERING

2019

- **CE Thesis:** Formal Verification of an E-Voting System Based on Blockchain

Projects

WordCloudFa

- A Python module for creating Persian word clouds.

ngx-persian

- A complete tool-set for Iranian Angular developers