

Ali Mohammadi

Senior Backend Developer

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Tehran, Iran

EXPERIENCE

Senior Backend Developer

Citronity

11/2021 - Present Vancouver

- Developed an energy-saving system tailored for electrical companies, leveraging IoT technologies to optimize energy usage.
- Spearheaded the development of a device management system specifically for WATTMORE Solar, enabling efficient monitoring and control of IoT devices.

Lead Software Engineer

Sanay System Development

07/2011 - 11/2021 Zanzan

- Led a team in designing and deploying a scalable data analysis and reporting system for managing large-scale datasets.
- Designed and developed a customizable business intelligence dashboard tailored to individual user needs.
- Development of the social network "CommentNet", which is a social network platform aimed at gathering news opinions and social media interactions.
- Collaborating on a big data analysis project focusing on social media networks such as Telegram, Twitter and Instagram, integrating advanced software analysis and artificial intelligence techniques.
- Cooperation in Lotus Parsian investment fund project.
- Design and implementation of news reader and Telegram channel reader bot.
- Engineered a stock market analysis application.
- Created an electronic payment software solution for retail stores, streamlining payment processes and enhancing customer experiences.
- Participated in the Integrated Threat Management (UTM) project.

Fullstack Developer (Part time)

Novin Bulud System

11/2013 - 03/2022 Zanzan

- Designed and developed the "Vira Dictionary" project, a speech-enabled dictionary application.
- Design and development of the portfolio manager system of "Sarmaye and Danesh" brokerage.
- Collaborated on the development of the "Elite Network" project, a social networking platform aimed at networking and collaboration on joint projects among elite individuals.
- Designed and developed the "Zanzan Petrochemical Android Software" project, an Android application tailored for the needs of the Zanzan Petrochemical Company.
- Led the project management and software development for the "Driver's Guide Educational Software," an educational software aimed at providing guidance and training for drivers.
- Developed software for the 8th International Conference, providing essential functionalities and support for conference management and participant interaction.
- Designed and developed the website for Bagh Honar Advertising Company, incorporating modern design principles and robust functionality tailored to the company's advertising needs.

SUMMARY

Over 10 years of Python expertise powering backend development. Skilled in relational & NoSQL databases, message brokers, and microservices design. Dedicated to clean, maintainable code and thrives in collaborative environments. Eager to innovate with multifaceted technical skills on future projects.

SKILLS

Python Flask Django Redis

PostgreSQL MySQL MongoDB

Elastic Search SQLite RabbitMQ

Kafka Microservice Architecture

Data science MQTT Celery

Linux HTML CSS Bootstrap

Javascript jQuery

ADDITIONAL SKILLS

FastAPI Nginx Docker

Git / GitHub / GitLab Logstash

Large scale system design

Cassandra AWS Grafana

Kibana Apache

Android native environment

LANGUAGES

English
Advanced

Persian
Native

Azerbaijani
Proficient

EXPERIENCE

Fullstack Developer (Part time)

Amnafzar Gostare Aftab

📅 01/2015 - 12/2022 📍 Zanzan

- Designed and developed a monitoring system for the Ministry of Health.
- Designed and developed a smart scooter system on the IoT cloud platform.
- Designed and developed a monitoring system for the Environmental Protection Agency of Zanzan Province.
- Designed and developed the language learning website, Wordonet.

EDUCATION

MS in Software Engineering

Zanzan University

📅 Date period

BS in Software Engineering

Payame-Noor University

📅 Date period

CERTIFICATION

Python Certificate

Hacker Rank

SQL Certificate

Hacker Rank

Rest API Certificate

Hacker Rank

JavaScript Certificate

Hacker Rank

CSS Certificate

Hacker Rank

Cisco Certified Network Associate Security

Tehran Institute of Technology