Amirhossein Lashkari

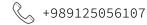
TypeScript & Golang Developer







amirhossseinlashkari



EXPERIENCE

SMARTPATH | Integration Developer

September 2024 - Now | Tehran, Iran

Designing an laaS application using Apache CloudStack.

→ Integrate Apache CloudStack with WSO2 to build VM, network, etc.

LINKAP | BACKEND DEVELOPER

Oct 2022 - Jun 2024 | Tehran, Iran

Engineered an advanced IoT application supporting various protocols and brands.

- → Refactored backend architecture in NestJS to accommodate a growing customer base, improving system scalability and performance.
- → Reduced the application reaction time up to 30% by implementing Server-Sent Events (SSE).
- → Migrated the database from MongoDB to Influx, increasing the retention period of device data from 1 to 12 months, thus improving data availability and analysis.
- → Added support for new protocols including LoRaWAN and DLMS, alongside Zigbee, expanding the application's versatility and market reach.
- → Developed a robust access control system integrating RBAC and ABAC, enhancing security and user control over individual device access.

CRYPTOBAZ | FULL STACK DEVELOPER

Jan 2022 - Jul 2022 | Tehran, Iran

Technical design and initial development of an NFT marketplace.

- → Developed key features such as wallet creation and crypto-transfer using Solidity.
- → Implemented connect wallet and ERC1155 creation using Alchemy and Hardhat.
- → Set up testing procedures on Ganache, simulating transactions in a controlled environment to ensure system reliability and security.

SMARTPATH | SOFTWARE ENGINEER

Dec 2019 - Sep 2021 | Tehran, Iran

Integrating major applications using WSO2 in an OpenAPI company.

- → Integration development of Ewano and MyMCI applications.
- → Developed a web application allowing non-technical users to generate Synapse XML code.
- → Designed a graphical interface based on Eclipse's DataMapper using Canvas.
- → Contributed to a scope management system to authorize OpenAPI clients.

PERSONAL PROJECTS

- → Learning Angular basics, working with forms, observables, directives, and NgRx.
- → A <u>tax calculator</u> written in Go to become familiar with I/O reading from prompts.
- → A Rest application for event booking in Go to work with pointers and interfaces.
- → A micro-service architecture application utilizing Docker, Kubernetes, GitHub Actions and NATS Streaming Server as an event bus.
- → A social network application powered by NodeJS, GraphQL and Websockets.

SKILLS

PROGRAMMING

Proficient:

JavaScript • TypeScript

Intermediate:

Golang

Familiar:

Python • Bash • Solidity

FRAMEWORKS/TOOLS

Proficient:

NestJS • NodeJS • WSO2

Intermediate:

Docker • Angular • NextJS • React

- Redux Redis MQTT InfluxDB
- Postgres

Familiar:

Kubernetes • AWS • Nginx • gRPC • NATS • NATS

EDUCATION

UNIVERSITY OF OLOOM TAHGHIGHAT

BACHELOR'S IN BIOMEDICAL ENGINEERING
BIO-ELECTRICS
2011-2016

CERTIFICATES

QUERA BOOTCAMP

SOFTWARE ENGINEERING WITH GOLANG

- → Advanced Golang
- → Domain Driven Design
- → Hexagonal Architecture
- → CQRS
- → Outbox Pattern