

Amir Roshanaei

Software Engineer

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EXPERIENCE

Software Engineer

Paack 09/2021 - Present Barcelona, Spain

Paack, a leading parcel delivery company in the UK, Spain

- Migrated a legacy codebase to a more efficient microservices structure using Go, and system performance was boosted by 70%.
- Create projects using Domain-driven-design concepts, CQS.
- Design and implement scalable services with event-driven architecture using Google Cloud PubSub.
- Led efforts to vastly reduce technical debt in systems, resulting in the reduction of system maintenance time by 85%.
- Implement CI/CD using GitLab.

Software Engineer

Creatella 08/2020 - 09/2021 Singapore

Creatella is an ambitious and enthusiastic Venture Builder, empowering visionary entrepreneurs and tech talents to build the best startups.

- Design and implement scalable microservices with event-driven architecture using Go and RabbitMQ.
- Create projects using clean code principles.
- Implement CI/CD using Jenkins.
- Performed code reviews and code quality control to ensure optimal production results.

Software Engineer

IDPay 06/2019 - 08/2020 Tehran, Iran

IDPay is a company that provides a personal payment gateway and virtual card reader.

- Move a legacy monolith system to microservices for better maintenance and performance using Go.
- Implement DDD and Hexagon architecture for each microservice.
- Design and implement scalable microservices with event-driven architecture.
- Implement CI/CD for microservices using GitLab.
- Develop modules like the ESP8266 to create an IoT projects.

Software Engineer

Dadeh Pardazan Keemya Software 06/2017 - 01/2019 Tehran, Iran

Property Management in the UK market for real estate.

- Create a high-performance search engine using Go and Java and Elasticsearch.
- Create an optimized data entry from OpenStreetMap geodata to PostgreSQL.
- Implement, debug, maintenance a legacy system.
- Performed code reviews and code quality control to ensure optimal production results.

Software engineer

ParsaDP 07/2015 - 06/2017 Tehran, Iran

Logistics platform and location-based solution for all kinds of businesses.

- Built a team of software developers from scratch; From hiring to managing.
- Create a location-based platform to connect drivers to customers and businesses to a logistic platform.
- Implement OOP structured application.
- Optimize the huge amount of data for Elasticsearch to have the best result in search engine.
- Setup and maintenance of servers from scratch.

Software Engineer

Rahyab Telecom 07/2013 - 07/2015 Tehran, Iran

RahyabTelecom Inc. develops and maintains Telecommunication software, such as Operations support system(OSS).

- Performed code reviews and code quality control to ensure optimal production results.
- Implement, Debug a legacy system written in Java and PHP

Software Engineer

Atistan Cube 06/2012 - 07/2013 Tehran, Iran

Atistan Cube is a venture capital company accompanied part of Noxel Capital.

- Atistan Cube is a venture capital company accompanied part of Noxel Capital an international Venture Capital company, specializing in the growth strategy for high technology start-up companies using the most effective and efficient path to entrepreneurship
- Achievements: Experience creating online advertising software Experience creating online art shop software Implement, Debug a legacy system
- Projects: Taxi.ir is a location-based platform like Uber Musestan.com is an art shop and gallery

SUMMARY

With 14+ years of experience, I'm a skilled software engineer passionate about clean, efficient code. I optimize systems for high performance, design fault-tolerant solutions, and collaborate effectively with cross-functional teams. Eager to learn and committed to solving real-world problems, I aim to create valuable software solutions.

EDUCATION

Bachelor's degree in Computer Software Engineering

Shomal University

01/2014 - 12/2015

SKILLS

Go	Java	Microservices	PostgreSQL
GCP	Github Actions	Gitlab CI	GraphQL
GRPC	Kafka	MQTT	Domain Driven Design
MongoDB	MySQL	Nginx	OOP
ElasticSearch	CQRS	RabbitMQ	Redis
Solidity	Terraform	Linux	FFMPEG
AWS	Kubernetes	Docker	TDD

LANGUAGES

English Native or bilingual proficiency