



AMIN MIRZAIIE

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I am eager to learn and do programming specially in cutting-edge technologies. After 8 years of experience with deference teams, I am known for being a creative, self-motivated, well-organized team player who moves ahead of the team.

EXPERIENCE

01/2021 – PRESENT

Software Engineer, [Smart Land Solutions](#)

Offer solutions, design software architectures, implement backend services and improve services performance base on proper tools and develop express services.

- **[Iwin Call Center](#)**: is a large scall, easy configure IVR system based on Asterisk to manage organizations' calls. I have improved performance and change the architecture to be scalable, high availability, modular, and could be run as a cloud service.
- **[Garnet Website](#)**: Talent identification system based on a quiz for children with configurable questions and multi-access level for deference users.
- **[Fulus Android App](#)**: High secure virtual wallet for deferent businesses with implementing suitable crypto algorithms.
- **[Club House Windows App](#)**: Opensource windows interface for Club House app using WPF, Material Design, and Prism.

04/2019 – 01/2021

Senior Backend Developer, [Smart Land Solutions](#)

Redesign and implement big data architecture for social networks and news websites contain search engines, content processing, and data mining services.

- **Web API microservices**: Using ASP.Net-core web API for development of text mining and search engine microservices which is used by various services.
- **API Gateway**: Fast, scalable, high availability API gateway interface for microservices which manage authentication, authorization, logging with easy management user-interface using .Net Core, NLog, Ocelot, Consul, and so on.
- **Workflow management system**: Creating a workflow management library for implementing large and complex systems which are inspired by workflow-core that is faster and has new features like Parallel, Nested workflow, Exception management, etc.
- **Instagram Crawler**: Crawling Instagram content base on API requests.
- **Next web application**: Analytics, search, alerting, and reporting system for social networks and news websites.

12/2019 – 08/2020

Software Architecture Consultant, [Scientific Green Inc](#)

Microservices architecture for image processing projects.

08/2014 – 04/2019

Full Stack Developer, [Scientific Green Inc](#)

Design, implement and supervise electronics and IoT systems based on machine learning and image processing.

- **Face extract offline service:** Design and develop face extract service for pictures and videos with an interactive web interface
- **Identification Web App:** Web interface for distributed face extract and identification system
- **Monitoring System:** Distributed monitoring system for servers, web services, windows services, and network devices.
- **Face Detection, Analyzer and Recognition and 3D Face Recognition Engine:** Implementing some low-level Image processing engines with high performance and using C++, Image processing libraries, and deep learning tools.
- **Realtime Face Detection System:** Realtime face extract system from IP cameras with face identification service that is centralized in a view and management client interface.

EDUCATION

09/2012 – 08/2015

Master of software engineering, [University of Tehran](#)

Thesis: Anatomical Knowledge Base Animation of Human Eye. By [Reza Aghaizadeh Zoroofi](#)

09/2008 – 06/2012

Bachelor of software engineering, [University of Sistan and Blouchestan](#)

HONOR AWARDS

- Ranked No.1 among all Computer Engineering student (01/2010 – 06/2012)
- Ranked 26th of 17 National Computer Olympiad (06/2012)

TEACHING EXPERIENCES

- Containerize by Docker and introduction of Swarm and Kubernetes (2019)
- Teaching assistance of Data Structure and Logic Circuits (2010)

SKILLS

- C#, C++, Asp.Net Core, SQL Server, WCF
- HTML, CSS, Javascript, Typescript, Angular, Blazor, Bootstrap, SignalR, WPF
- Scrum, Git, Unit Test, XUnit, NLog
- OpenCV, FFMpeg, OpenGL
- Docker, Redis, Consul, Kafka, RabbitMQ, Elastic Search, Logstash, Kibana
- Microservice, DDD, CQRS

LANGUAGES

- English
- Persian

INTERESTS

- Backend and Full Stack Development
- Image Processing and Data Analysis