

Who am I?

Mohammadreza Rahimian Golkhandani

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A brief history

I have studied Electrical (Telecommunication) Engineering, however after a few months of working as a Filter Designer I became interested in Microsoft technologies specially .NET Programming (**UWP**), then started to learn .NET Programming with **C#** and **XAML (WPF)** in early 2014 but after years I learn more and more languages like JavaScript and Python. Now, I am a Back-end developer, using **Nodejs**, **Mongo** or **PostgreSQL** and **Elastic** in production ready environments and developing **.NETCORE** apps, as part of my personal interests in .NET technology.

My objectives and goals

I pursue a career in IT field as a backend developer specially challenging and novel projects a highly competitive environment which is able to reflect my skills beside my personal attributes such as creativity, dedication and meeting goals.

Work Experiences

Backend Developer — Pishrovaan Shahr Hoshmand (peeyade)

2017-01 — 2020-02

(5th in Elecomp stars 2017)

Stage one: A simple blog application

- Working with the Node.js and **Expressjs** framework (es5)
- Serve rest **API**
- Designing NoSQL Database of the application
- **MongoDB** as the database
- **Nginx** as the reverse proxy
- Setting up the server (Linux - **Centos**)
- Developing the admin panel using **Angular**
- Developing the Windows app (Elecomp stars exhibition) using the (**UWP**) technology and **MVVM-Light** framework

Stage two: A Foursquare optimized for Iranian

- Working with the Node.js and **Expressjs** framework (es6)

- **MongoDB** as the blog database
- **Elasticsearch** as the data storage for search function which contains GeoSearch, FullTextSearch, Scoring, etc.
- Working with **Kibana** and **Logstash** as the log manager system
- Got familiar and worked with **docker**, **docker-compose**
- Got familiar and worked with **Kafka**, **RabbitMQ**
- Got familiar and worked **the Microservice** architecture and its requirements

Stage three: An Entertainment market place

- Working with the Node.js and **Nestjs** framework (Typescript)
- Using **PostgreSQL** as the **e-commerce** service database
- Working with **Redis** as **the cache** module and task **queue** manager

Windows Developer— Raymand (Transportation GPS tracking system)

2016-07 — 2016-12

- Working with WPF technology and MVVM-Light framework
- Working with OpenStreet and OpenWeather APIs
- Working with google sheet APIs

Freelance Developer

- **Sar Ashpaz:** A food recipes list using Local and Shared DB (SQLite and One drive).
- **Good bad ugly:** Based winphone.ir members' idea to rate your behaviors.
- **Koja beram:** Based on foursquare API to find the nearest entertainments.
- **IT Ebook:** Unofficial app for it-ebook.info.
- **Team7anime.com:** An anime download website based on Datalife engine CMS.
- **Arajco-shop.com:** A scooter shop.

Academic Educations

University of Semnan — BSc in Communication Engineering

- Design and Simulation of Comblaine high frequency filters
- Create a calculator for designing mechanical filters using MATLAB

Work experience related to bachelor's degree

- Design PCB boards
- Built High-Frequency Combine Filter:
- * designed, simulated and built 850 MHz mechanical filter
- * 3d Design in CST and HFSS
- * Inductor and Capacitor optimized in ADS
- * Made Properties calculator with MATLAB GUI

Alborz College – Diploma in Physics and Mathematics

- Learned basics of programming by VB

Skills & Abilities

We all hate this section but just for information once again I tell you my skills and my level on each skill.

- Expert in Nodejs (es6-es2017)
- Expert in Nestjs (Typescript framework for Nodejs applications)
- Expert in Expressjs (JavaScript framework for Nodejs applications)
- Skilled in MongoDB - designing NoSQL Databases
- Experienced in Elasticsearch
- Experienced in Docker and Containerization, setting up Linux servers
- Skilled in UWP & WPF (C# with XAML)
- Experienced in .NETCORE
- Familiar with GraphQL API
- Familiar with machine learning (TensorFlow)
- Experienced in AngularJs and Angular 8
- Familiar with microservice architecture and its requirements
- Familiar with Kibana and Logstash
- Familiar with the Kafka, RabbitMQ