

Mostafa ghanbari back-end developer

With over 6 years of back-end development experience, I specialize in:

- Technologies: REST-API, SQL, No-SQL, Node.js, Express.js, Nest.js, Socket.IO, RxJS, Scrappy, TypeScript, JavaScript, Python, PHP
- Tools: Docker, Linux, Burp Suite, Postman, PM2

I bring a creative and responsible approach to problem-solving and am experienced in Agile methodologies such as Scrum and Kanban. Additionally, I have expertise in Android native development, including MVVM, MVP, Room, Retrofit, Hilt, RxKotlin, Coroutines, and KotlinCompose.

Experience

back-end

Freelance - Full-time (August 2024 – November 2024)

Developing an IoT platform, comprising two **Nest.JS** projects:

- ControlPanel: Developed a **RESTful** API for managing things, Applets, **Rules**, Dashboards, **Widgets**, **virtual-things**, and advanced access control with default and custom user roles.
- ControlCenter: Managed MQTT clients authentication, message handling, real-time data provision via **socket** and data history via RESTful API.
- Technologies: **Node.js**, **Nest.js**, **MongoDB**, **Mongoose**, **Socket.IO**, **EMQX**

back-end

Volta Control - Full-time (November 2020 – July 2024)

Built back-end services for IoT & IIoT applications:

- Technologies: **Node.js**, **Express.js**, **Socket.IO**, **MySQL**, **Cassandra**, **Sequelize**, **JWT**, **MQTT**, **UDP**, **HiveMQ**, **Mosquito**
- Employed **Nginx** for IP filtering, request limiting, and connection management

back-end

Zaris – Full-time (October 2019 – October 2020)

Contributed to the Ganje (Canso) Start-Up, a search engine for advertising platforms:

- Developed crawlers using **Python Scrappy**
- Crawled and extracted data from **over 10 advertising websites**
- Stored extracted data in **PostgreSQL**

back-end & Android developer

Freelance (August 2018 – October 2019)

- Developed Android application and back-end services for a student services start-up:
 - Features: Chat, blog, advertising, news, professional profiles
 - Technologies: **Node.js**, **Express.js**, **Socket.IO**, **Android Studio**, **Kotlin**, ...
- Created a puzzle game using **Kotlin**, **Custom Layouts**, **Animated Vector**, **Vector**
- Built an app for medical appointment reminders with **Alarm Manager**, **Broadcast Receiver**

back-end & Android developer

Mahoor - Intern (August 2017 – August 2018)

Learned foundational programming skills while developing customer service and advertising applications, focusing on:

- PHP**, **Slim**, **Java**, **MySQL**, **SQLite**, **REST-API**, **Android**, **Android Studio**

Personal Info

Address

Iran - Tehran

Phone

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Free time

Climbing, study, music

Email

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GitHub

<https://github.com/MostafaGhanbari9176>

Course's

Beginner Android – July 2017

Full Stack Developer – January 2018

Education

Sistan And Baluchestan University

Electronic engineering - September 2015

Ferdowsi University

Hardware engineering - September 2020

Tools

VSCode, Git, Trello, Taiga, Postman, BurpSuite, Office