

MAHDI NAJI

BACK-END DEVELOPER

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Summary

I'm a Software Developer focused on Golang, C, and JavaScript. Started programming with C working on embedded systems. Then became a NodeJS Back-end developer at a local company. After a year of experience with NodeJS and ReactJS, I joined a startup and started to code with Golang and C until now. I've been designing and implementing software and hardware solutions in the IT industry for local customers in our company.

Skill Highlights

- Goroutines and multi-thread programming
- Embedded Systems Experience (IoT)
- Design, Implement, and Use APIs
- Useful DevOps skills as Back-end engineer
- Socket programming
- Relational and non-relational databases (MySQL, MongoDB, ...)
- Design Automations

Experience

Software Developer - 08/2019 to present (35 months)

Rasa Telecom, Tabriz, Iran

- Investigation, design, and implement scalable applications based on the special needs of clients
- Design automation and self-recovery systems for customers
- Interface with clients, developers, and technical support to determine optimal specifications.
- Design embedded system products (using Atmel uControllers or ESP32 modules) and integrating them with Golang Back-end servers (on Raspberry Pi boards)

Back-end Developer - 03/2019 to 08/2019 (5 months)

Prolar, Tabriz, Iran

- Develop blockchain-based software with NodeJS + ReactJS stack
- Direct contact with front-end team to design efficient APIs
- Code analysis and providing solutions for project improvements in a teamwork

Freelancer - 07/2018 to 03/2019 (9 months)

- NodeJS back-end development for eCommerce systems
- API design between Golang back-end and front-end technologies
- Some Embedded System (IoT) projects using Atmel, Raspberry, ESPressif, and some other modules and devices

Education

Bachelor of Science: **Computer Engineering - 2022**

University of Tabriz, Iran

Demonstrable Projects (VmBox)

My latest publicly demonstrable project at Rasa Telecom is VmBox. It's an eCommerce solution to provide automation and management for VPS providers. It connects eCommerce software to virtualization platform to provide automatic setup procedures and management panel for customers. VmBox uses Golang + ReactJS (PWA) stack for management and configuration panels. I was directly in contact with VmBox customers to implement and provide new features based on their needs. You can find more information about VmBox at vm-box.com