

# Mahdi Naji

Software Engineer

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## CV Objective

I'm a Software Engineer mostly focused on Golang and JavaScript with a good DevOps skills. I started programming with C++ working on embedded systems. After a Year of experience with NodeJS & ReactJS, I strengthened my DevOps skills in a fintech company with a larger scale and then joined the Snapp Infrastructure team as SRE.

## Work Experience

### Snapp!, Tehran, Iran

Site Reliability Engineer, May 2023–present

- Snapp! Cab is the largest ride-hailing platform in the Middle East, with more than 28 million users.
- As a Site Reliability Engineer, I'm responsible for studying and learning all the services of SnappCab and its infrastructure to have an overall view of every service from critical to non-critical level.
- It's one of the best experiences I had in my career because of its large scale and very high load. Seeing real-world examples of services handling more than 2K RPS has taught me a lot about good scalable microservice architecture.
- Making sure to have good observability of services is one of my duties and my colleagues in the team. Using high-tech monitoring, logging, and tracing tools helps us to keep a %99.8 uptime.

### Ramzinex, Tehran, Iran

DevOps Engineer, August 2022–January 2023

- Ramzinex is one of the biggest crypto exchanges in Iran with more than 1 million users.
- I have been working as a DevOps engineer in Ramzinex with a focus on Site Reliability Engineering.
- In the short period I was there, I managed to set up full monitoring infrastructure with Prometheus+Grafana and a Logging system with EFK stack. Also, I configured and secured Docker containers, a Kafka cluster with SSL\_SASL, GitLab CI/CD, HAProxy, and other technologies and stacks.
- I gained a lot of DevOps and SRE skills in this company and learned a lot about microservices handling thousands of requests in a minute.

## **RasaTelecom, Tabriz, Iran**

Software Developer, August 2019–August 2022

- RasaTelecom is a local start-up focused on Network and Server infrastructures.
- I joined this start-up as a software developer to work on special case projects designed for customers. VmBox is one of the biggest public projects of the company available online.
- The private projects of the company were intended to satisfy the special needs of the customers like having a better tool to manage Servers or setting up VoIP infrastructures as customers need.
- The Company is still growing fast with more satisfied customers.

## **Prolar, Tabriz University, Iran**

Back-end Developer, March 2019–August 2019

- Prolar is an academic start-up at Tabriz University mostly focused on Blockchain Projects.
- I was working there as a Back-end developer. I was mostly working with NodeJS and ReactJS.
- My Best Experience working with JavaScript was at this company with real professional colleagues.
- Yaday is one of the most popular projects of this company that I was contributing to during my working period.

## **Being a Freelancer at Tabriz, Iran**

NodeJS and Golang, July 2018–March 2019

- As a junior software developer, I started working on some freelancer projects mostly written in JavaScript and Golang.
- I experienced the first Task-Based projects during this time which gave me a good view about teamwork.

## **Education**

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### **UNIVERSITY OF Tabriz (2018–2022)**

Computer Engineering

Will be graduated at June 2022

**Educational Experiences:** Thanks to the great teachers and professors of Tabriz University, I learned and experienced working with other useful languages like Python or Java on group projects.

## Key Skills

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- Working with Goroutines in Golang and synchronizations.
- Non-relational databases like MongoDB, Elasticsearch, Redis.
- Relational databases like MySQL, PostgreSQL.
- Message brokers like Kafka, NATS, and RabbitMQ.
- Webservers and Load balancers like Nginx, HAProxy, Apache.
- REST API, WebSocket and Real-time connections.
- Linux, Bash, and automation tools like Ansible.
- Containers and Orchestrations with Docker and Kubernetes and their tools like Helm and ArgoCD.
- Logging and Monitoring with Prometheus, Netdata, Grafana and EFK, ELK stack.
- Virtualization and cloud configuration management, tools like Ansible.
- Tracing with OpenTelemetry. Jaeger and Tempo.

## VmBox Project

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VmBox is the most recent project that I was working on in RasaTelecom Co. It's a virtualization server management system that connects eCommerce Web Hosting Management systems to VMware virtualization infrastructure. It provides end-users a management panel to access their server and perform some actions on it.

The core is written with Golang because of the good implementation of multi-thread architecture. The Front-end is developed with ReactJS.

Online Demo and more information are available at [vm-box.com](https://vm-box.com).