

Ehsan Seyedi

Mashhad, Razavi Khorasa, Iran

ehsanseyedi7@gmail.com • +98 910 553 6090 • linkedin.com/in/ehcan • github.com/ehcaning

- I've been a **Software Engineer** since **2015** with experience in **high scale production**.
- I code in **Golang**, **Nodejs**, **PHP**, and **Python**. I also have good experience in databases, such as **MySQL**, **MongoDB**, **Redis**, etc
- I consider myself as an excellent **problem-solver** and **solution provider** with good **interpersonal** skills, **committed** and **hardworking**.

Work Experience



Software Engineer • [Cafe Bazaar](#) • January 2021 to Present

Cafe Bazaar is by far the most popular app store among Iranians, with over **45 million users** and 7+ million daily active users.

- Since April 2021, I became the system owner of one of the main services here, which handles 20+ million daily requests. I'm **on-call** and **responsible for uptime and healthiness** at any time of the day.
- I managed to **increase service reliability** by implementing circuit-Breaker, health check probes, decrease dependency on other services and make service self-sustainable, increase test coverage by 30%, and 5% memory and CPU usage improvement.

Technologies/Languages: Golang, Python, RabbitMQ, PostgreSQL, Docker, Kubernetes, Prometheus, Redis, Django, GRPC, Nginx, HAProxy



Back-End Developer, CTO • [White Designers Studios](#) • September 2019 to January 2021

Fwdco is one of the **top 10 game studios** in Iran. We'd created some amazing games and a game platform with high-tech tools.

- [Bazikon](#)
 - Golang, NodeJS, TypeScript, MongoDB, Redis, MariaDB, Docker, Nginx, Prometheus, Websocket, Flutter, ReactJS
 - I managed to **design** this project with a **microservice architecture** with help of team members and lead other teammates.
 - The project was deployed on +10 servers with **orchestration** with **high availability, monitoring and alerting, fault-tolerant, and replicated databases** to prevent data loss.
- [Sistan Legends](#)
 - NodeJS, Redis, MongoDB, Nginx, Socket.IO, Prometheus, Docker, Unity
 - After I joined the developing team, we managed to **increase performance and reliability by 35%** by adding Redis cache, Prometheus monitoring, and using PubSub for better Socket.IO replication.
- [Royale Strike](#)
 - NodeJS, Redis, MongoDB, Nginx, Socket.IO, Docker, Unity
 - I **designed** and **developed** a **scalable, robust**, and fast game server which can handle +130 users on each pod. With simple orchestration, we can **serve hundreds of online concurrent users**.

Full-Stack Developer • [Diaco](#) • November 2018 to May 2020

We created quiz-based games in Diaco which had almost **1.5 million users** in 4 games.

I managed to **develop** and **maintain** game servers for the time I was here. In the time I was here, the company's **profit increased by 350%** with these games' revenue. I was part of the game design team and we managed to achieve this income growth.

- [Pico Pool](#)
- [QDay](#)
- [Micro Money](#)
- [Hooshe Barandeh](#)

Back End Developer • [Salema](#) • September 2019 to March 2020

[Salema Diet Application](#)

I joined this team as a **technical consultant**. We managed to change architecture from **monolith** to **microservice**, add monitoring and tests.

I managed to **lead the developing team** to decrease points of failure, increase scalability and prevent future incidents by adding tests and monitoring.

Technologies/Languages: Nodejs, PHP, MySQL, Redis, Rest

Freelance Web Designer • Self-employed • 2015 to 2019

- [App Rocket Automated Android Build Pipeline](https://approcket.ir) (<https://approcket.ir>)
 - Python, Docker, Gradle, FTP, Nginx, RabbitMQ
 - I developed a **build pipeline** that builds clients' Android apps on-demand with lots of customizations and auto-delivery APK to users.
- [IRAN Health Tourism Management System](#)
 - PHP, MySQL, HTML, CSS, Javascript, Nginx
 - I developed the front-end part of the website.
- Doctor appointment booking website with patients' online profile and prescription (Client: Dr. Mashreghi Moghaddam)
 - PHP, MySQL, HTML, CSS, Javascript, Nginx
 - Unfortunately, the client shut down his website.
- Blackberry Juice online shop
 - Android (Java), PHP, MySQL, HTML, CSS, Javascript, Nginx
 - I developed the Android app and some part of its back-end and front-end
 - Unfortunately, the client shut down his business.
- Taktan Gym Membership system (Client: Hamed Pour Esmaeil)
 - Tech Stack: PHP, MySQL, HTML, CSS, Javascript, Nginx
 - Clients online profile
 - SMS reminder for clients subscription renewal
 - Unfortunately, the client shut down his website.

Education

Bachelor of Technology in BTech, Information Technology

Sadjad University of Technology

2013 to 2018

Skills

- Languages
 - Golang
 - Node.js
 - PHP
 - Python
- Database and Storage
 - Redis
 - MySQL
 - MongoDB
 - PostgreSQL
 - S3
- Communications
 - RabbitMQ
 - GRPC
 - Rest API
 - Socket
- Technologies
 - PaaS
 - IaaS
 - Linux & Bash
 - Docker
 - Kubernetes
 - Prometheus
 - Grafana
 - Git
 - CI/CD
- Others:
 - HTML/CSS/SCSS/JS
 - Scrum
 - Agile Methodology
 - Design & Architecture

Publications

- Code Snippet ([Github](#)) ([Website](#))
 - You can save your useful code snippets here and share them with others.
 - NodeJS, MongoDB, Docker
 - The first version was written in PHP, MySQL ([Github](#))
- [My npm Packages](#)
- [My Composer Packages](#)
- My Other open-source projects:
 - [Divar Telegram Bot](#)