Ehsan Seyedi

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- I've been a **Software Engineer** since **2015** with experience in **high scale production** and **distributed systems.**
- I code in **Golang**, **Nodejs**, **PHP**, and **Python**. I also have solid experience in databases, such as **MySQL**, **MongoDB**, **Redis**, etc
- I consider myself as a **committed** person, with good **teamwork** skills and a wonderful sense of **solution providing**.

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.

- I'm **System Owner** of one of the major services Since April 2021. I'm **on call** and **responsible for uptime and healthiness**.
- **Increased 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 improvements.

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 **designed** this project with a **microservice architecture** with help of team members and led other teammates.
  - The project deployed on +10 servers with **orchestration** with **high availability**, **monitoring** and **alerting**, **fault tolerance**, 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 **increased 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 **designed**, **developed,** and **maintained** game servers. The company's **profit increased by 350%** with these games' revenue.

- [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 changed architecture from **monolith** to **microservice**, add monitoring and tests.
I **led 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)
  - 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 in PHP, MySQL ([Github](#))
- [My npm Packages](#)
- [My Composer Packages](#)
- My Other open-source projects:
  - [Divar Telegram Bot](#)