

# Yaser Alimardani

Senior Software Engineer  
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10/02/1991

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## SKILLS

### Backend

Java, NodeJS (typescript), Ruby, PHP, Python, Go

### Frontend

React, React-Native, Android (Kotlin), Javascript, HTML, CSS

### Database, cache, queue management

Postgresql, MongoDB, MySQL, Redis, Replication, Sharding, Kafka, RabbitMQ

### Data management and monitoring

Datadog, Metabase, Sentry, AWS Redshift, Power BI

### Test framework

Capybara, Jest, K6, Selenium, Appium, Junit, PHP Unit, Acunetix, Gatling test

### Security

Security vulnerabilities concepts, OWASP, SQL Injection, CSRF, XSS, Cookie manipulation, and buffer overflows

### General skills

Design Algorithms, System design, Git, CI/CD, AWS, GCP, SEO, Google Analytics, Firebase, A/B testing

## LANGUAGES

### English

Work proficiency

### Deutsch

### Persian

Native

## MY EDUCATION

### Master of Information Technology

University of Tehran

2014 – 2016 | Tehran, Iran

### Bachelor of Information Technology

Sharif University

2009 – 2014 | Tehran, Iran

## ABOUT ME

With over **14 years** of experience, I am a seasoned **Senior Staff Engineer** adept at leading and collaborating across domains. I deliver innovative solutions to enhance business efficiency, with expertise in **Backend, Front-End, and databases**. Proficient in the Software Development Life Cycle (SDLC), I excel at **managing projects, guiding teams**, and ensuring seamless collaboration to achieve goals. My hands-on approach and leadership ensure high-quality results across diverse teams.

## MY EXPERIENCES

### Senior Full Stack engineer (at Doctolib.de)

01/2023 – present

Doctolib strives for a healthier world with more than 2,500 employees across Germany, France, and Italy.

- Developing new features for hospitals, patient check-in management and practitioners by using **Ruby on Rails, Postgres, React, and React-Native**
- Reducing **24M** daily api call to the **BE** and **DB** by changing the approach of fetching data
- Reducing **10% of CI/CD time and cost** by converting E2E tests to controller and React library tests
- Improving the performance of queries by analyzing them on **Datadog** and **AWS redshift**
- Monitoring more than **100 endpoints** and defining more than **20 alerts**.
- **Mentoring** one **Senior, Junior, and Intern** engineer.
- Fixing several legacy feature and security **bugs (+100)**

### Senior Staff Engineer (at Karafs)

06/2021 – 01/2023

Karafs has five products in the health industry as a **B2C** and **B2B** model.

- Developing with **Java, NodeJS (Typescript), Mongo DB v4.4, React-Native, Redis, RabbitMQ**, and Web Socket, chat messaging infrastructure using **Rest API** and Clean architecture
- Optimizing MongoDB and MySQL queries (**Improve 70%** response time) by **caching, indexing, replicating, and sharding**
- Maintaining over **7M** registered users (**500k** daily active users)
- Designing servers (about 30 servers) using **Kubernetes** and **ESXI** instances.
- Developing automated/unit/e2e tests (**Code coverage 7%**)
- Implementing DevOps (**Reducing 30% of deployment time**)
  - Using tools such as Docker, ESXI, DNS management, Email server, Servers Management, ELK, Nextcloud, Nexus Repository, Sentry, Jira, GitLab CI/CD, and Android apk builder
- **People management** for the new startup platform including 7 engineers, product manager, marketing engineers and designers.

### Senior Full Stack Engineer (at Karafsapp.com)

02/2020 – 06/2021

Developing Calorimeter application

- Development using **Java, Nodejs (Typescript), Mongo DB v4.4, React, React-Native, ELK, Metabase, Redis, RabbitMQ**, Web Socket, and Load Balancer.
- Support offline activity by using **Redux** and **hooks** in React-Native.

### Senior Backend Developer (at five.community)

01/2019 – 02/2020

Creating a social e-commerce application utilized by **GCP, Java** Spring Boot, and **React-Native**. Using a new infrastructure by using Google Cloud Platforms, and Google **Pub/Sub architecture** to scale up to support **20K** active users.

### Senior Full stack engineer | Engineering manager (at Sharif university)

03/2014 – 07/2020

Creating a Social Engine to Produce Social Network.

- Development and leading a team by using **PHP, NodeJs, MySQL, ELK, and React-Native**.
- Creating, executing, and maintaining over **100 companies'** social networks with Engine as a **B2B** business.
- **People management & Development** including 20 engineers, 2 product managers, QA engineers, marketing engineers and designers.

### Full Stack developer (at Sharif University of Technology)

05/2010 – 03/2014

Creating an **ERP** Business Project that includes a workflow/form/process generator, and

connect to authentication services such as LDAP and Gmail accounts.

- Maintaining more than **1000** business forms, workflows, and processes (**2K** daily client users)
- Developing with **Java, JSP, Oracle, Hibernate, ExtJS, JS, CSS, HTML, Jenkins** and **NodeJS**