

# Milad Sadeghi

## Java Backend Developer

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## Summary

As a seasoned software engineer, I've always been passionate about problem-solving within the software industry. Eager to expand my skillset so I transitioned to Java backend development. My strong technical foundation and dedication to delivering results make me a valuable asset to any team seeking innovative solutions.

## Skills

**Main:** Java Spring Boot Spring Data JPA Spring AOP Hibernate Lombok OracleDB

**Other:** RestAPI JWT OAuth2 SLF4J Git CI/CD Github Linux Algorithms Data Structures

**Deploy:** Gitlab CI Docker Maven

**Test:** JUnit Mockito Grafana K6 Postman

**Soft:** Leadership Mentorship Communication Collaboration Team Work

## Work Experience

### Java Backend Developer

BehPardaz Jahan Co.

Oct 2024 - Present

- We had an stateful MVC authentication. We needed to separate frontend with backend. I redesigned and implemented an stateless authentication using JWT which helped to have a better functionality with angular frontend.
- We had methods that were not implemented optimally. I optimized them using algorithm and data structure design techniques and we had an overall performance improvement of about 20%.
- We needed to have an integrated and scalable exception handling mechanism for our project. Our team and i collaborated, designed and implemented an exception handling system in order to support both built-in and business exceptions at the same time.
- Data structures and algorithms play important role in software engineering field. I held meetings about them every week in order to improve the problem solving skill of my teammates.
- Updating the technical knowledge is a crucial for software engineering. I translated and published some English language tutorials to Persian in order to simplify the learning process of other software engineers.
- Some parts of the project did not have precise documentation. Our development team was able to enlighten those black boxes by collaborating with test and analysis department people in order to write reliable documentations.
- Due to importance of using GitLab ci cd pipelines, infrastructure department decided to run them on projects. I collaborated with infrastructure department people in order to implement reliable CI/CD pipeline structures.
- New team members should be get familiar with the project structure and functionality as soon as possible. I explained the project structure and simplified technical concepts to them in order to facilitate their learning process.
- Due to my impressive functionality during 3 months trial period, I received talent fee bonus in addition to my base salary.

### Course Instructor

Maktabkhooneh Co.

Jan 2025 - Present (Part-time)

- Due to the lack of a complete and up to date programming video courses in java Persian community, i decided to record and publish java related online courses with collaboration with MaktabKhooneh.

### Senior Frontend Developer

SwiftSky Co.

Sep 2021 - Mar 2024

- Leded a team of 3 engineers in a migration to TypeScript which modernized the complex codebase and solidified its maintainability.
- Mentored and supervised 2 junior developers and aided in development, leading to improve their skills.
- Collaborated with design and product management teams to identify and prioritize features that increased user engagement by 20%.
- Expanded the test coverage from 60% to 87% by writing unit tests with Jest and React Testing Library.

Frontend Developer

SwiftSky Co.

Sep 2019 - Aug 2021

- Optimized web app performance by 30% by reducing the number of API calls, storing data on local storage and using component memoization.
- Minimized the initial bundle size by 48% using lazy loading and code splitting which reduced loading time by 40%.
- Configured a CI/CD pipeline for cypress on github actions to test web app on various web browsers which diminished testing time by 60%.

Open Source Developer

GitHub

Jan 2018 - Sep 2019

- Implemented linear discriminant analysis algorithm from scratch
- Converted generator object to a list object
- Implemented khatri-rao matrix product algorithm
- Refactored all .py files in nasa mars helicopter flight program
- Implemented neural network of optimized u-net for brain tumor segmentation paper

## Volunteer Experience

Algorithms & Data Structures Instructor

Feb 2024 - Sep 2024

- Explaining and solving JavaScript algorithmic challenges on DevAcademy frontend community meetings(+2.4K developers) every week

Software Programming Instructor

Oct 2023 - Jun 2024

- Taught and mentored 5 junior/mid-level frontend developers on the TypeScript language through a private Discord server.

Content Creator

Jan 2019 - Present

- Wrote and published technical blog posts so far about Java, JavaScript, React, TypeScript, Data Structures and Algorithms on two platforms: HashNode and Virgool.

## Certificates

Docker Basics

Oct 2022

- Docker Basics Online Course - Issued By MaktabKhooneh - Score: 95 out of 100

## Awards

Hacktoberfest

Oct 2019

Contribution on open source projects - Issued by Intel, GitHub

Hacktoberfest

Oct 2021

Contribution on open source projects - Issued by Intel, GitHub

Hacktoberfest

Oct 2020

Contribution on open source projects - Issued by Intel, GitHub

Hacktoberfest

Oct 2023

Contribution on open source projects - Issued by Digital Ocean, Appwire