

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, 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 Hibernate Spring AOP JDBC Lombok MySQL PostgreSQL Maven

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

Deploy: Docker Kubernetes AWS

Test: JUnit Mockito Grafana K6 Postman

Soft: Leadership Mentorship Communication Collaboration Team Work

Work Experience

Career Transition

Jun 2024 - Present

Java Backend Developer

- Built scalable RESTful services using Java and Spring Boot
- Enhanced web app observability using Spring AOP and SLF4J
- Implemented performance monitoring for web applications using Spring AOP and Grafana K6
- Improved REST API user experience by implementing auto-correction and validation using Spring AOP
- Enhanced REST API security by utilizing JWT and OAuth2 protocols
- Improved code readability and maintainability by eliminating boilerplate codes of model classes using Lombok
- Leveraged Docker for containerization and deployed the web app on the cloud
- Streamlined development lifecycle using Github Actions for CI/CD automation
- Ensured code reliability by writing unit and integration tests using Junit and Mockito

SwiftSky Co.

Sep 2021 - Mar 2024

Senior Frontend Developer

- Led 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.

SwiftSky Co.

Sep 2019 - Aug 2021

Frontend Developer

- 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%.

Self-Employed

Jan 2018 - Sep 2019

Open Source Developer

- [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 - Present

- 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 Discord server.

Content Creator

Jul 2023 - Present

- Wrote and published 15 [technical blog posts](#) so far about JavaScript, React and TypeScript.