

Yash Jaiswal

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Experienced Java/Angular Developer with 3.7+ Years of expertise in designing and maintaining web applications, specializing in performance optimization and user experience enhancements.

Experience

Software Engineer

Kore.ai

Dec. 2023 – Apr. 2024

Hyderabad, India

- Collaborated with UX/UI designers, product managers, and QA engineers to develop visually appealing user interfaces from wireframes and mockups, while actively participating in code reviews and continuous learning to ensure high-quality, maintainable software delivery.
- Led efforts to reduce the code bundle size from 9 MB to around 4 MB (a reduction of approximately 55%) in a micro-frontend strategy environment, significantly improving load times and performance.
- **Technology Stack: Angular 15, React, JavaScript, NodeJS, ExpressJS, MongoDB**

IT Developer - (CS-02)

Canada Revenue Agency

Dec. 2021 – Nov. 2023

Halifax, Canada

- Modernized a web-application by migrating legacy Java Struts features to Angular, driving new feature development and ensuring agile alignment with business goals. Leveraged Java Spring Boot for improved backend services integration.
- Engineered reusable design components for our custom UI library based on Angular Material, streamlining development processes and significantly reducing feature development time and code redundancy.
- Created dynamic reactive forms and utilized appropriate RxJS operators tailored to specific use cases, and refactored the codebase to optimize event handling, state management, and real-time data streaming capabilities.
- Designed and optimized RESTful web services using Java and Spring Boot, integrating third-party APIs to achieve a 30% improvement in performance and a 40% reduction in response time.
- Triaged and resolved bugs and accessibility issues for monthly releases, enhancing code quality and user experience.
- **Technology Stack: Angular 16, Java, SpringBoot**

IT Developer - Intern

Canada Revenue Agency

Sep. 2021 – Dec. 2021

Halifax, Canada

- Developed and enhanced an internal client-facing web application, creating new dashboard functionalities and resolving bugs to deliver a more robust, user-friendly interface, significantly boosting client satisfaction.
- Added chart and graph functionalities to the dashboard incorporating Chart.js, enabling detailed data visualization and enhancing user interaction with the application.
- Enhanced the Java codebase by incorporating test-driven development (TDD) using Mockito and Junit, improving code quality and reducing error resolution time by 60%.
- **Technology Stack: Angular 12, Java, Mockito, Junit**

Systems Engineer

Infosys

Sep. 2018 – Feb. 2020

Hyderabad, India

- Migrated legacy Java web services to MuleSoft's Anypoint platform, streamlining data integration and enhancing API connectivity.
- Designed and developed RESTful APIs using Java and MuleSoft Anypoint Platform, enabling efficient communication between disparate systems and reducing integration time by 40%.
- Implemented complex data transformations and mappings using DataWeave 2.0, improving data processing efficiency and accuracy.
- Developed robust exception handling mechanisms in Java to improve error management and system reliability, achieving a 95% reduction in system downtime.
- Optimized Java code and MuleSoft APIs, resulting in a 30% reduction in latency by improving algorithm efficiency, data handling, and system responsiveness.
- Delivered knowledge transfer sessions for newly onboarded members, boosting team efficiency by 30%.
- **Technology Stack: Java, JAX-RS, MuleSoft, Anypoint Platform, XML, SQL, IBM DB2, Rabbit MQ**

Skills

Languages: Java, JavaScript, Typescript, Python, SQL

Web Development: HTML, CSS, Bootstrap, Material UI, TailwindCSS

Frameworks: SpringBoot, Angular, ReactJS, NextJS, NodeJS, ExpressJS

Databases: MySQL, MongoDB (NoSQL)

Cloud: Amazon Web Services (AWS), Google Cloud Platform (GCP)

Technologies/Tools: Maven, JUnit, Mockito, Kibana, Tomcat, XML, JSON, RESTful APIs, API Development, Web Services, Web Sockets, Git, Jira, Postman, SOAP UI, VS Code, Eclipse IDE, Draw.io, Figma

Education

Master of Applied Computer Science (GPA: 4.08/4.3)
Dalhousie University

Sep. 2020 – Dec 2021
Halifax, Canada

Bachelor of Technology in Computer Science
Karunya Institute of Technology and Sciences

Jul. 2014 – May 2018
Coimbatore, India

Projects

Halifax Foodie – Food Ordering System

Apr. 2021 – Aug. 2021

- Built a Serverless application that facilitates an online food ordering system with features such as chatbot, ML food recipe tagging, multi-factor authentication, report generation, and visualization.
- Implemented Multi-factor authentication and User Management using Java Spring Boot for backend services, along with Firebase and AWS.
- **Technology Stack: ReactJS, NodeJS, Java, Docker, AWS Lambda functions, Google Cloud Run, etc.**
- [Source Code \(GitHub\)](#)

Audio Splitter

Jan. 2021 – Apr. 2021

- Built a web application that splits the vocals and instrumental track from an audio file.
- Developed the front-end and back-end APIs, lambda functions for API authentication, and deployment of the code to EBS and Heroku.
- **Technology Stack: ReactJS, Flask, Spleeter Library, DynamoDB, AWS Services, Heroku**
- [Source Code \(GitHub\)](#)

Hockey League Simulation

Sep. 2020 – Dec. 2020

- Developed a hockey league game simulation console application using Core Java, SQL DB, and GSON library for JSON.
- Built the application using the **SOLID** principles, **design patterns**, **test-driven development** approach, and following **clean code** practices using agile methodology and created database models, database design, stored procedures, and implemented the business logic for trading players with AI and user teams.
- **Technology Stack: Core Java, MySQL**
- [Source Code \(GitHub\)](#)

Awards & Certifications

- **Scholarship:** Received the MACS September 2020 entrance financial award of **2500\$** based on the performance in the technical interview for university admission.
- Problem Solving (Basic) Certificate - HackerRank.
- Angular (Basic) Certificate - HackerRank.
- React (Intermediate) Certificate - HackerRank.
- Java (Basic) Certificate - HackerRank.
- SQL (Intermediate) Certificate - HackerRank.