Yash Jaiswal

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Skills

Languages: JavaScript, Typescript, Java, Python, SQL
Web Development: HTML, CSS, Bootstrap, Material UI, TailwindCSS
Frameworks: Angular, ReactJS, NextJs, NodeJS, ExpressJS
Databases: MySQL, MongoDB (NoSQL)
Cloud: Amazon Web Services (AWS), Google Cloud Platform (GCP)
Technologies/Tools: 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)   Sep. 2020 – Dec 2021
Dalhousie University   *Halifax, Canada*

Bachelor of Technology in Computer Science   Jul. 2014 – May 2018
Karunya Institute of Technology and Sciences   *Coimbatore, India*

Experience

Software Engineer   Dec. 2023 – Apr. 2024
Kore.ai   *Hyderabad, India*

- As a dedicated Frontend developer, Represented the Contact Center as a Service (CCaaS) team while leading the development efforts for Kore.ai's new unified XO platform, unifying disparate platforms and enhancing user experience through new feature implementations and bug resolutions.
- Collaborated with UX/UI designers and product managers to create interactive and visually appealing user interfaces from wireframes and mockups, and coordinated with QA engineers to resolve testing phase issues, ensuring high-quality software delivery.
- Actively participated in continuous learning, code reviews, providing feedback for high-quality, maintainable codebases.
- 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)   Dec. 2021 – Nov. 2023
Canada Revenue Agency   *Halifax, Canada*

- As a full-stack developer, collaborated with design, business, and other teams to build new features, modernize a sub-app in a secure portal application, and migrate existing features from the Java Struts framework to Angular, adhering to agile methodologies and business requirements.
- Developed reusable design components in our custom-made UI component library based on Angular Material, significantly reducing the time spent on developing new features, bug fixing, and code redundancy.
- Built 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.
- Successfully resolved bugs and addressed accessibility issues for monthly production releases, leading to substantial enhancements in code quality, maintainability, and responsiveness.
- Designed, implemented, and optimized RESTful web services using Java, integrating third-party APIs to improve performance by 30% and reduce response time by 40%.
- **Technology Stack: Angular 16, Java**

IT Developer - Intern   Sep. 2021 – Dec. 2021
Canada Revenue Agency   *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. **Technology Stack: Angular 12, Java**

Systems Engineer
Infosys

Sep. 2018 – Feb. 2020
Hyderabad, India

- Migrated existing legacy code of Java web services in JAX-RS to MuleSoft's Anypoint platform by implementing API - Led Approach and Connectivity to build APIs which made the process of data integration more streamlined using Mule 4.
- Developed complex data transformations using DataWeave(2.0) along with the creation of design documents for the developed APIs which reduced the ambiguity across the team significantly.
- Incorporated exception handling and delivered unit test coverage of at least 80% for the developed APIs.
- Delivered knowledge transfer sessions for newly onboarded members that improved the efficiency of the team by 30%.
- **Technology Stack: Java, JAX-RS, MuleSoft, Anypoint Platform, XML, SQL, IBM DB2, Rabbit MQ**

Mentoring/Teaching Experience

Teaching Assistant & Marker
Dalhousie University

May 2021 – Apr. 2022
Halifax, Canada

- Conducted lab tutorials on various technologies to graduate and undergraduate students.
- Advised student groups in group project design and development, ensured successful project completion for the appointed teams, and graded their submissions to provide effective feedback on their learning.
- **Topics: ReactJS, NodeJS, Java, MongoDB, SQL, Git, CI/CD pipeline, Docker, Heroku Deployment, Amazon Web Services, Google Cloud Platform, Serverless Computing, PHP, Agile, Jira.**

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 User Authentication and User Management using Firebase and other AWS services and developed the front end of the application.
- **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.