Mareedu Saibabu

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Summary

- 3.5+ years of professional experience in the IT industry
- Extensively worked on SDLC stages Requirements analysis, detail design, coding, testing, code rework and deployment.

Technical Skills

Programming languages : Java, JavaScript, Typescript, SQL, HTML5, CSS3/SCSS.
Frontend Technologies   : React.js, Next.js, Redux, Tailwind CSS, Material UI, Bootstap, Axios, Socket.io, Webpack, Cypress.
Backend Technologies   : Node.js, Express.js, Spring Boot, Prisma ORM, RabbitMQ, JWT, Mocha, REST APIs, XML, GraphQL.
Databases & Cloud   : MySQL, PostgreSQL, MongoDB, Amazon Web Services (AWS – EC2, S3, IAM, RDS, VPC), Firebase.
Tools   : VS Code, IntelliJ IDEA, Postman, Docker, Kubernetes, Git, GitHub, Bitbucket, Jira, SonarQube.

Work Experience

Publicis Sapient, Software Engineer   **April 2021 – Present**
Worked as a part of the WorldPay development team. This project dealt with Payment Gateways.

- Designed and implemented payment configuration dashboards (end-to-end) from scratch, enabling merchants to manage the payment settings efficiently.
- Integrated WorldPay Payment Gateway APIs into various e-commerce platforms, including BigCommerce, Shopify, and VTEX.
- Developed and maintained REST APIs to ensure seamless communication between frontend applications and backend systems.
- Implemented logging mechanisms to track system activities, monitor performance metrics, and facilitate debugging processes.
- Implemented cron jobs for capturing real-time payment statuses, enabling timely updates and transaction monitoring.
- Developed and maintained database schemas, ensuring efficient data management and integrity.
- Developed role-based access control using JWT authentication and authorization, improving security and access management.
- Refactored existing codebase to develop reusable components, improving code maintainability and efficiency.
- Implemented automated testing strategies, including unit tests, end-to-end (E2E) tests, and integration tests.
- Addressed and resolved SonarQube bugs, enhancing the overall quality and reliability of the codebase**.**
- Deployed applications on AWS instances, ensuring reliable and scalable cloud infrastructure**.**
- Mentored junior team members, providing guidance on coding standards and best practices.
- **Technologies used:** Typescript + JS, Next.js, React, Node, Express, Prisma ORM, MySQL, AWS, Jest, Docker, SonarQube.

Worked as a part of the Shiseido and Calvin Klein development teams. These projects dealt with E-Commerce Platforms.
- Implemented key features including product carousels, checkout, image galleries, and new PDP/PLP pages, enhancing user engagement and functionality.
- Designed and implemented video pages for live streaming and pre-recorded content, integrating HTML5 video elements and JavaScript for seamless playback.
- Managed content assets and content slots in SFCC across six beauty brand websites in the US and Canada, ensuring dynamic and engaging web content.
- Implemented responsive design techniques using media queries to ensure consistent user experiences across various devices.
- Conducted thorough code analysis, resolving small to critical bugs and optimizing website accessibility and performance.
- **Technologies used**: SFCC, HTML5, CSS/SCSS, JavaScript, React, Node, MongoDB, PostgreSQL, APIs, Microservices etc.

Academic Projects

Task Management Tool (Open Source)   *Next.js, Node, MongoDB, Redis, Prisma*   - Github
- Contributed to code optimization and bug fixes for improved API and UI stability.
- Participated in code reviews and provided constructive feedback to peers, ensuring high-quality contributions.

E-Commerce Web Application   *HTML5, CSS, JavaScript, React, Node, Express, MySQL*   - Github
- Developed and launched a fully functional online e-commerce platform with backend service, followed by MVC Pattern.
- Implemented user authentication, product catalog, product rating, searching, sorting and filtering, shopping cart functionality, mobile responsive and secure payment processing.

Education

Bachelor of Electronics & Communication Engineering, JNTU, India   **CGPA**: 7.85   Jun 2016 – Sep 2020

Certifications

- Data Structure and Algorithms using Java from IIT Madras – ([Link](#))
- Learn JAVA Programming - Beginner to Master from Udemy – ([Link](#))
- The Complete JavaScript Course 2024: From Zero to Expert! – ([Link](#))
- The Ultimate React Course 2024: React, Next.js, Redux & More – ([Link](#))

Coding Profiles

- [Leetcode](#) – Solved 330+ Data Structure and Algorithm (DSA) Problems.
- [GeeksForGeeks](#) – Solved 550+ Data Structure and Algorithm (DSA) Problems.