Aditya Chebrolu

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WORK EXPERIENCE

BAJAJ FINSERV HEALTH LIMITED   Pune

SOFTWARE DEVELOPMENT ENGINEER 2   October 2023 - Present

- Led the seamless migration of our module from a mono repo architecture to a micro frontend architecture, liberating development releases from dependencies on other modules.
- Implemented branch validation, SonarQube integration, and tailored development pipelines, enhancing efficiency across UAT, Beta, and Production stages using YAML files.
- Reduced bugs through the creation of ELK dashboards, streamlining the identification of API failures for swift and efficient resolution.
- Mentored junior team members, providing guidance on development, fostering a collaborative and knowledge-sharing environment within the team.
- Contributed to the enhancement of multiple microservices supporting our website's frontend, focusing on improving code coverage and refactoring to reduce API response time.

SOFTWARE DEVELOPMENT ENGINEER   July 2022 - August 2023

- Tech stack : Javascript/Typescript, React, Next.js and NestJS
- Proficiently worked with **React** and **Next.js** frameworks to enhance website functionality and performance.
- Achieved a 45% reduction in Lines of Code by creating reusable components and logic, while significantly improving cognitive complexity and adhering to coding standards.
- Optimized UI/UX design, overhauled webpages, and enhanced overall accessibility for a more user-friendly online experience.
- Significantly enhanced SEO, propelling the website to a prominent position on the first page of Google search results.
- Developed multiple API endpoints, implementing robust business logic to enhance functionality and efficiency.
- Authored comprehensive test cases for each component, ensuring thorough evaluation and validation of system functionality.

SKILLS

Languages: Java, Javascript/Typescript, SQL
Web Development: HTML/CSS, React, Node.js
Frameworks: Next.js, Springboot, NestJS
Technology: Git, MongoDB, MySQL

PROJECTS

THE LOBBY ↗   Next.js, NestJS, MongoDB, AWS EC2
Designed and developed a user-friendly website allowing users to create and join rooms, primarily for gaming purposes. Enhanced communication efficiency by providing a dedicated platform to track upcoming turf games, reducing message clutter in WhatsApp groups.

CAR BOOKING WEBSITE ↗   React, Springboot, MySQL
Developed a car booking app with React for the frontend, Spring Boot for the backend, and MySQL for database management.

EDUCATION

Bachelors of Technology in Computer Science and Engineering   Amaravathi, AP | Jul 2022
Vellore Institute of Technology
8.65/10