

Aditya Chebrolu

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WORK EXPERIENCE

BAJAJ FINSERV HEALTH LIMITED

Pune

SOFTWARE DEVELOPMENT ENGINEER 2

October 2023 - Present

- Tech stack : **Javascript/Typescript, React, Next.js** and **NestJS**
- Successfully transitioned our module from a single repository to a micro frontend structure, allowing independent development and releases.
- Set up branch validation, integrated SonarQube, and customized development pipelines using YAML files, improving efficiency in UAT, Beta, and Production stages.
- Created ELK dashboards to quickly identify and fix API issues, reducing the number of P0 bugs to 0 and bugs per story to 0.02.
- Developed and optimized the Doctor Slots backend feature for efficient slot booking, improving system performance and user experience.
- Mentored junior team members, providing guidance on development, fostering a collaborative and knowledge-sharing environment within the team.

SOFTWARE DEVELOPMENT ENGINEER

July 2022 - August 2023

- Tech stack : **Javascript/Typescript, React, Next.js**
- Achieved a 45% reduction in Lines of Code by creating reusable components and logic, while significantly improving cognitive complexity and adhering to coding standards.
- Improved Page Core Web Vitals (CWV) from 40 to over 85 for mobile and over 95 for desktop.
- Implemented defensive CSS throughout the website pages.
- Significantly improved SEO, boosting the website to a top spot on the first page of Google search results.
- Reduced the number of unnecessary API calls to the backend, thereby improving the performance of the page.
- Authored detailed test cases for each component, ensuring thorough evaluation and validation of system functionality.
- Enforced coding practices to reduce cognitive complexity, leading to faster and more efficient coding for future tasks.

SKILLS

Languages: JavaScript, TypeScript, Java, HTML, CSS

Frontend Technologies: React, Next.js, Astro, Tailwind CSS

Backend Technologies: Node.js, NestJS, Spring Boot, MongoDB, Redis

Tools and Platforms: Git, Azure DevOps, Kafka, Webpack

PROJECTS

THE LOBBY

NEXT.JS, NESTJS, MONGODB, AWS EC2

Designed and developed a website for players to create and manage player lists, track their status (e.g., tentative, waiting, paid/unpaid), and facilitate team formation.

EDUCATION

Bachelors of Technology in Computer Science and Engineering

Amaravathi, AP | Jul 2022

VELLORE INSTITUTE OF TECHNOLOGY

8.65/10