

KUNAL BADOLE

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EDUCATION

Indian Institute of Technology Hyderabad (IIT Hyderabad)

08/2018 - 05/2022

BTech in Civil Engineering, CGPA: 7.68

WORK EXPERIENCE

Splunk (Cisco) | Software Engineer 2

04/2024 - Present

- Developed 5 out of 20 (25%) upgrade readiness prechecks for ITSI using **Spring Boot**, covering KPI associations, service-template sync, and entity linkage validation. Identified and reported functional defects in prechecks, improving upgrade safety. Collaborated with the team to design, test, and document all prechecks for production readiness. Ensured all failure scenarios were testable and aligned with ITSI upgrade standards.
- Built a custom annotation-based logger in **Spring Boot** for consistent, contextual, and reusable logging across the codebase, improving observability and code quality.
- Identified and fixed a performance issue in ITSI Glass Table where duplicate search jobs were triggered on reload, reducing unnecessary search executions by **50%** and improving dashboard load time.
- Wrote **WDIO** test scripts using **JavaScript** to automate UI testing and verify new features work as expected.
- Developed a reusable and customizable Breadcrumb component to ensure consistent navigation and styling across the entire codebase.

ZL Technologies | Member of Technical Staff

06/2022 - 04/2024

- As a Full Stack Developer, I have proficiently designed and implemented **REST APIs** using **Java** for various modules within the web application, such as Departments, Discovery, etc. and tested them using **Postman**
- For the Front-End I have enhanced user experience by troubleshooting UI bugs and implementing new features in a **React** web application, leveraging **Material UI** for seamless integration. Developed custom React components using **JavaScript** to optimize functionality.
- Developed an Employee Time Management and Tracking Dashboard with user and admin interfaces using **Javascript** and **React.js**. Integrated the dashboard with **Jira** via **REST APIs** for streamlined project management. Managed server-side operations with **Mssql** and implemented responsive charts and analytics using **NodeJS**, **Express** and **Recharts**.

SKILLS

Languages	C, C++, JavaScript (ES6+), TypeScript, Java
Courses	Data Structures, Algorithms, Programming, Object Oriented Programming
Databases	SQL, NoSQL, MongoDB
Web Technologies	React.js, Redux, NodeJS, Express, Git, GraphQL API, HTML5, CSS, JSON JQuery, Bootstrap, Material UI, Git, TailwindCSS, Webpack

ACHIEVEMENTS

- Secured Global rank of **1288** out of **36,341** candidates in CodeChef Snack Down Qualifier Round 2021
- Secured Global rank of **437** out of **16,330** candidates in LeetCode Biweekly contest 75.
- Secured Global Rank of **481** on CodeChef Starters 27 2022.
- Secured Global Rank of **487** on CodeChef Starters 29 2022.

PROJECTS

Online-Shop-using-SpringBoot-Microservices-Architecture | Java, Springboot, MySQL, MongoDB, Docker
| [Github](#)

- Architected and developed a robust online shop platform, encompassing multiple services such as Product, Order, Inventory, and Notification services. Implemented an efficient **API Gateway** to route incoming requests to their respective services.
- Leveraged **Keycloak** Authorization server for seamless user authentication and access control. Ensured scalability and ease of deployment by containerizing the application using **Docker**.

Cryptoverse Web App | ReactJS, Redux, ChartJS, Ant Design | [Github](#)

- Developed a **React** and **Redux** based web application with **Ant Design** for an intuitive user experience, offering insights into top cryptocurrencies, markets, news, and exchanges, including dynamic price trend charts using **ChartJS**.