

EDUCATION

B.Tech, Information Technology, Shri Ramswaroop Memorial Group of Professional College, SGPA: 7.72

Aug 2019 — July 2023

SKILLS

Programming Languages: Java, C++, SQL, Shell Scripting

Backend Technologies: Spring Boot, JPA, Postman, Microservices, Hibernate

Frontend Technologies: React.js, HTML, CSS, AJAX, Jquery

Databases: PostgreSQL, MySQL, PL/SQL

PROFESSIONAL EXPERIENCE

TATA CONSULTANCY SERVICES, Associate Software Engineer

- Vodafone Idea Jan 2024 — Present
Technologies: React.js, Spring Boot, Microservices, REST APIs, PL/SQL, Git
 - Built and stabilized a Signal Verification Module for Vodafone's tower infrastructure portal using Spring Boot microservices and React.js, enabling automated multi-day node validation and accurate network assurance.
 - Resolved a critical UAT validation defect at the core service layer by fixing data handling and API synchronization issues, ensuring production-ready reliability.
 - Delivered end-to-end feature releases across backend and frontend with structured CI/CD pipelines via Jenkins and version control using Git, achieving consistent, defect-free UAT deployments.
- Atomic Energy Regulatory Board (AERB)
Technologies: Spring, Struts, JSP, PL/SQL, MVC Architecture, Hibernate
 - Built and sustained secure, scalable application modules using Spring-Struts MVC architecture for India's nuclear regulatory authority portal.
 - Strengthened authentication mechanisms through two-factor authentication, CAPTCHA validation and account lockout policies.
 - Architected and optimized database triggers and stored procedures, directly enhancing query performance and supporting DBA operations.
 - Introduced a Clarification Request workflow, cutting application rejections by 90% while raising citizen satisfaction by 80%.
 - Facilitated direct requirement discussions with AERB leadership, ensuring accurate scoping, traceability, and compliance-driven delivery.
 - Automated administrative processing through a bulk equipment approval feature, lowering manual workload by 70–80% and multiplying approval speed by 10x.
 - Applied multithreading and concurrency principles to improve system responsiveness under high user load.

PROJECTS

Start Smart

- Developed a scalable and interactive web platform for Start Smart, an IoT-based service provider, using ReactJS and the Chakra UI component library to ensure a modern and intuitive UI/UX.
- Implemented advanced state management with React Hooks and Context API, and enhanced UI with dynamic carousel animations and responsive design principles.

Exprograde Academy

- Designed and implemented a full-stack web application for Exprograde Academy, a coaching institute, using HTML, CSS, JavaScript (frontend) and Django framework (backend) for seamless functionality.
- Developed dynamic course listing, teacher profile management, and secure contact forms with Django for database handling, ensuring efficient content updates and user interaction.

KEY ACHIEVEMENTS

- Winner in 10 day coding marathon in Oct 2021.
- Hired and mentored 7 developers while evaluating 30+ candidates for project roles for AERB.
- Recognized for technical mentorship for junior developers in Spring Boot, PL/SQL, and Microservices, client communication, and strategic project delivery.
- Implemented Clarification Request feature reducing application rejection rates by 90% and enhancing user experience by 80%.
- Delivered a bulk approval functionality streamlining workflows and making approval processes 10x faster.
- Spearheaded the Signal Verification Module, ensuring accurate multi-day testing for Vodafone's internal portal.
- Project coordinator intern at Little Umbrella Foundation organization in Dec 2020