DYAVANPALLY ROHANKUMAR

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PROFESSIONAL SUMMARY

Computer Science graduate and Software Developer Intern at Infosys with hands-on experience in Java, Spring Boot, REST APIs, React.js, and AWS. Proven ability to design scalable full-stack applications, implement secure authentication, and deploy cloud-native systems using Docker and CI/CD pipelines. Strong foundation in DSA, OOP, DBMS, and system design with real-world Agile exposure.

EDUCATION

JNTUH College of Engineering Rajanna Sircilla   Rajanna Sircilla
Bachelor's in Computer Science and Engineering   November 2021 - July 2025

EXPERIENCE

Infosys | Software Developer Intern   July 2025 - Present

- Developed and tested RESTful APIs using Spring Boot and Hibernate, applying MVC architecture and SOLID principles during enterprise-grade training projects.
- Collaborated in Agile Scrum teams following SDLC best practices, participated in daily standups, sprint planning, code reviews, and version control using Git/GitHub
- Contributed to enterprise application modules aligned with microservices architecture and cloud deployment standards.

Ordnance Factory | IT Intern   May 2024 - June 2024

- Built a **dashboard** for the Chief General Manager, improving **data accessibility** and decision-making speed
- Developed 4 **digital portals**, streamlining **workflow efficiency** and reducing manual processes
- Enhanced **UI/UX** and integrated **data visualization**, enabling faster operational insights

PROJECTS

CampusFlow | Link 🔗   React.js, React Native, Node.js, MongoDB, Docker, Jenkins

- Built a full-stack campus management platform using React.js, Node.js, MongoDB, and Spring-based microservices, supporting over 5000 users.
- Implemented JWT-based RBAC authentication and secure password hashing (bcrypt), reducing the risks of unauthorized access.
- Automated CI/CD pipelines using Jenkins and Docker, enabling zero-downtime deployments on AWS EC2 with 99.9% uptime.

MTech Cutoff Hub (GATE & PGCET Analytics Platform) | Link 🔗   Java, Spring Boot, Spring Security, JWT, PostgreSQL, Hibernate, REST APIs

- **Designed and developed a scalable Spring Boot backend** to aggregate, process, and serve GATE/PGCET M.Tech cutoff data across colleges and branches using RESTful APIs
- **Implemented automated cutoff computation logic** for category-, gender-, phase-, and exam-wise opening and closing ranks using transactional service-layer design
- **Built secure admin authentication and authorization** with JWT-based stateless security, OTP-based email verification, RBAC, and Spring Security filter chains
- **Modeled relational data and optimized APIs** using JPA/Hibernate, PostgreSQL, and public/private endpoint separation for secure and efficient analytics queries

Student Data Lookup | Link 🔗   ReactJS, Google Sheets, Google Apps Script

- Designed a secure data access layer using Google Sheets API with backend abstraction to prevent direct client exposure.
- Implemented the frontend in React.js with optimized API calls for fast lookups and a responsive UI.

TECHNICAL SKILLS

Programming Languages	Java, C, JavaScript
Frameworks & Libraries	Spring Boot, Spring Security, Hibernate, Node.js, Express.js, Bootstrap, Tailwind CSS
Database Management	MySQL, MongoDB, PostgreSQL, Database Design, Query Optimization
Core CS Concepts	Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems, DBMS, Computer Networks, System Design
Backend Development	RESTful APIs, Microservices Architecture, Authentication, Authorization, API Security, Exception Handling
Frontend Development	React.js, HTML5, CSS3, Responsive UI Design, Component-Based Architecture
Software Engineering	Agile Methodology, SDLC, Requirement Analysis, Code Review
Version Control	Git, GitHub, Branching Strategies, Pull Requests, Merge Conflict Resolution

CERTIFICATIONS

- **Associate in IT Foundations(Java) 🔗** - Infosys Lex (2025)
- **Data Structures and Algorithms using Java 🔗** - Infosys Lex (2025)