

RAVULA VINAY

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SUMMARY

Java oriented full-stack developer with hands-on experience building cloud native development-ready, RESTful backend systems using Spring Boot, MySQL, and Unix-compatible environments. MCA graduate delivering secure, scalable applications with clean architecture and strong database design across enterprise-grade projects.

PROJECTS

Go & Grab – Multi-Vendor E-Commerce Platform

May 2025 – Oct 2025

Tech Stack: Java, Spring Boot, Spring Security, MySQL, REST APIs, React.js, Material UI, Axios, Razorpay

- Developed a scalable multi-vendor e-commerce platform supporting Customer, Seller, and Admin roles.
- Implemented secure authentication and authorization using Spring Security with JWT and role-based access control (RBAC), along with BCrypt password encryption.
- Built OTP-based login and user verification using Spring Boot Mail (JavaMailSender).
- Designed and implemented shopping cart and Wishlist functionalities with seamless REST API integration.
- Developed advanced product filtering and sorting features based on price, category, and attributes.
- Created a coupon and discount engine with dynamic pricing logic for real-time validation and application.
- Integrated Razorpay payment gateway for secure transactions, including order creation and payment verification.
- Designed a normalized MySQL database schema for efficient handling of users, products, orders, and transactions.
- Developed a responsive UI with reusable components and ensured cross-device compatibility.
- Managed API communication using Axios with JWT token handling for secure client-server interaction.
- Followed MVC architecture and layered design (Controller → Service → Repository) for scalable development.
- Utilized Git and GitHub for version control and collaboration.

My Diary – Personal Digital Diary Application

Tech Stack: Java, Spring Boot, Spring MVC, MySQL, REST APIs, HTML, CSS, JavaScript

Jan 2025 – March 2025

- Developed a secure personal diary web application that allows users to create, update, delete, and manage daily notes with authentication and authorization.
- Implemented user registration and login functionality using Spring Boot with session-based authentication to ensure secure access to personal data.
- Designed RESTful APIs for diary entry operations (CRUD) and integrated them with the frontend for seamless data interaction.
- Built a clean and responsive user interface using HTML, CSS, and JavaScript to provide a smooth user experience.
- Structured the application using MVC architecture (Controller → Service → Repository) to ensure maintainability and scalability.
- Designed and optimized MySQL database schema for users and diary entries with proper relationships and indexing.

EXPERIENCE

Java Developer Intern Icronus Software Labs Pvt. Ltd

Bengaluru

Aug 2024 – Nov 2024

- Developed Java-based backend applications using Core Java, OOP concepts, Collections Framework, and Exception Handling to build scalable and maintainable solutions.
- Built and tested RESTful APIs using Spring Boot, ensuring efficient request handling, debugging, and performance optimization.
- Implemented backend logic with a focus on scalability, reliability, and clean code practices.
- Worked with MySQL and JDBC for database connectivity, query execution, and data persistence.
- Designed and executed unit test cases using JUnit to ensure code quality and reduce runtime errors.
- Collaborated in a team-based Agile environment, following SDLC practices including requirement analysis, development, testing, and deployment.
- Utilized STS IDE for development and managed version control using Git and GitHub for efficient collaboration.

Web Developer Intern Devaus Software Solutions

📍 Hyderabad

Apr 2025 – Dec 2025

- Designed and developed responsive user interfaces using HTML, CSS, JavaScript, and modern frontend practices.
- Built and maintained websites for Vijetha Degree College and Mother Teresa Primary and High School.
- Collaborated with the development team to enhance UI/UX, layout, and overall user experience.
- Used Git and GitHub for version control and efficient team collaboration.
- Demonstrated strong problem-solving skills, creativity, and teamwork throughout the internship.

EDUCATION

Master of Computer Applications (MCA) – Computer Applications

Krishna Chaitanya Institute of Science and Technology, Nellore

CGPA: 8.31

Aug 2022 – Jun 2024

Bachelor of Science (B.Sc.) – Statistics

Krishna Chaitanya Degree College, Nellore, India

CGPA: 8.96

Jun 2019 – Jun 2022

SKILLS

Programming Languages: Java (Core), Object-Oriented Programming (OOP), Multithreading, Exception Handling, Cloud Native Development, Collections Framework, JDBC, Python, Unix

Backend & Frameworks: Spring Boot, Spring MVC, Spring Security (JWT Authentication & RBAC), Hibernate (JPA), RESTful Web Services, Spring AOP, Spring Transactions

Frontend Technologies: HTML5, CSS3, JavaScript (ES6+)

Database & Data Handling: MySQL, SQL (Joins, Indexing, Normalization, Query Optimization)

Tools & Technologies: Git, GitHub, Postman, Eclipse IDE, Visual Studio Code

Architecture & Concepts: MVC Architecture, Layered Architecture, REST API Design, Authentication & Authorization, Microservices Basics

CERTIFICATIONS

- **Java Developer Intern**
Icronus Software Labs Pvt. Ltd.
- **Web Developer Intern**
Devaus Software Solutions
- **Java Full Stack Development**
Telugu Web Guru

ACHIVEMENTS

- Built full-stack e-commerce system with secure payment integration
- Implemented JWT-based authentication with RBAC
- Designed scalable backend using layered architecture