



RUDRAPPA H V

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Full Stack Java Developer with hands-on experience building responsive web applications using Core Java, React.js, MySQL, and JDBC. Skilled in both frontend and backend development, with a strong grasp of OOP principles, REST API integration, and version control with Git. Passionate about writing clean, scalable code and continuously learning technologies like Spring Boot and CI/CD pipelines.

Professional Experience

Abeyantrix (Davanagere)

09/24 - 01/25

Full Stack Java Intern

- Built interactive UIs with HTML, CSS, JavaScript, and React.js.
- Designed backend logic using Core Java, JDBC, and MySQL.
- Simulated REST API calls and implemented user authentication logic.
- Improved page load speed by optimizing scripts and SQL queries.
- Used Git for version control and tracked tasks using Azure Boards.

Education

University BDT College of Engineering, Davanagere

11/21 - 06/25

B.E. in Electronics and Communication Engineering - CGPA: 7.39

Projects

Human-Like Sensory Robot

03/25 - 06/25

- Developed an embedded robot with multi-sensor input (sound, light, gas) using ESP8266 & ESP32.
- Integrated facial recognition, gas detection, and sound response using C++ in Arduino IDE.
- Applied in healthcare and smart environments with real-time sensing and action logic.

Waste Management System

11/25 - 01/25

- Built a full stack system to track and report waste data with HTML, CSS, JS (Frontend) and Core Java + JDBC + MySQL (Backend).
- Developed an admin dashboard UI, connected to a backend for real-time data logging and reporting.
- Integrated CRUD operations for bin data; hosted project on GitHub and implemented CI/CD using Azure Pipelines.

Key Skills

- Languages & Backend: Core Java, JDBC, MySQL, REST APIs, OOP, Python, C programming
- Frontend: HTML5, CSS3, JavaScript (ES6), React.js
- Frameworks: Spring Boot (Learning)
- Tools: Git, GitHub, Azure Boards, VS Code
- Development Concepts: Full Stack Architecture, CRUD, Responsive Design, Agile, Debugging, CI/CD (Azure Pipelines)