Venepally Haripriya

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Summary

Software Engineering Intern candidate and Computer Science undergraduate specializing in backend development using Java and Spring Boot. Experienced in building secure RESTful services with JWT-based authentication, role-based access control, and relational databases. Strong understanding of data structures, Object-oriented programming, and backend system reliability through hands-on project development.

Education

Indian Institute of Information Technology, Tiruchirappalli (IIIT Trichy)   Tamil Nadu, India   **CGPA: 7.8**
Bachelor of Technology (B.Tech) in Computer Science and Engineering
Expected Graduation: 2027 | Eligible for Summer 2026 Internship

Technical Skills

Programming Languages: Java, C++, JavaScript, SQL
Backend Technologies: Spring Boot, RESTful APIs, JWT Authentication, Role-Based Access Control
Databases: PostgreSQL, MySQL, MongoDB
Tools & Platforms: Git, GitHub, Docker, Linux
CS Fundamentals: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems

Projects

IIITTrichy Cafe.Connect – Canteen Management   Backend | Frontend
Java, Spring Boot, PostgreSQL

- Designed and implemented 15+ RESTful APIs supporting menu management, order processing, payments, and notifications.
- Implemented JWT-based authentication and RBAC (ADMIN/USER) to secure backend endpoints and prevent unauthorized access.
- Designed normalized PostgreSQL schemas (8+ tables) to manage users, orders, menus, and transactions efficiently.
- Applied software engineering principles to write clean, modular, and maintainable code.
- Deployed as a pilot system for college canteen operations, supporting daily order management workflows.

IIIT Trichy Grades Portal – Academic Record Management System   Java, Spring Boot, PostgreSQL

- Contributed to the development of an internal academic portal for managing student grades and academic records.
- Implemented secure authentication using JWT to handle user login and session management.
- Designed and enforced role-based access control (ADMIN, FACULTY, STUDENT) to restrict features based on authorization.
- Designed database schemas for students, courses, semesters, users, and grades to ensure data integrity and scalability.
- Worked in a team environment to integrate backend components with core academic workflows.

Achievements

- Participated in **Udbhav Hackathon (Inter-IIIT)**, collaborating with students across IIITs to develop problem-solving and team-based engineering skills.
- Earned **1450+ Contest Rating on LeetCode (**View Profile**)**and Represented **IIIT Trichy** in the **Inter-IIIT Kabaddi Tournament** and contributed to winning a medal, demonstrating teamwork and discipline.