

LEELA SANJAY KUMAR VELIVELA

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OBJECTIVE

Aspiring Software Engineer with a strong foundation in Computer Science and proven skills in programming, problem-solving, and cloud computing. Seeking an internship opportunity to contribute to innovative enterprise cloud solutions while honing my technical expertise in a dynamic, fast-paced environment.

EDUCATION

B.tech in Computer Science and Engineering KL University (Expected Graduation: 2026) Current CGPA: 9.62/10

SKILLS

Programming Languages	Java,C
Web Development	HTML, CSS, JavaScript, React.js, SQL, MySQL
Cloud Technologies	AWS,Google Cloud
Tools and Frameworks	Git, Maven, REST APIs
CS Fundamentals	Object-Oriented Design, Data Structures, Algorithms

PROJECTS

Online Book Store (OpenPages).

- Led the development of an online book store, "OpenPages," allowing users to explore and purchase or rent books.
- Key features included user authentication, book management, and transaction processing.
- Used JSP for the front-end and MySQL for the database, with development done in CodeReady Studio.
- Designed and implemented administrative operations for smooth inventory management.

Indian Culture Information Management System

- Developed a web application to manage and explore cultural sites.
- The Admin Module enabled managing site details, multimedia uploads, and event scheduling.
- The User Module allowed users to explore sites, view multimedia content, and leave reviews..
- Used JSF for the front-end, JPA for database interaction, and MySQL as the database.

SevaNet Project

- Developed a community service application called "SevaNet" using Spring Boot, JSP, and MySQL.
- Implemented features for managing community events, volunteer registration, and resource allocation.
- The User Module allowed users to explore sites, view multimedia content, and leave reviews..
- Designed the database schema for efficient data handling and ensured seamless user interactions.

REAL-TIME USE CASES

- **Optimized Database Queries:**Identified slow-performing SQL queries during project implementation and applied indexing techniques to enhance data retrieval speed by 40
- **Debugging and Troubleshooting:**Resolved issues with API response delays by identifying bottlenecks in server-side logic and optimizing middleware processing time.

- **Cross-Browser Compatibility Testing:**Ensured front-end consistency across browsers by debugging and fixing CSS rendering issues.
- **Automated Testing:**Designed test cases using Selenium for web application modules, identifying and rectifying bugs before deployment.

CERTIFICATIONS

- Red Hat Certified Enterprise Application Developer
- Zero Trust Certified Associate (ZTCA)

PROFESSIONAL DEVELOPMENT

- Participated in Hackthons on Agile Development and Test-Driven Development.
- Regularly attended webinars on Cloud and Edge Computing.

LANGUAGES

- **English:**Proficient
- **Hindi:**Proficient
- **Telugu:**Native

SOFT SKILLS

- Problem-Solving
- Team Collaboration
- Effective Communication
- Adaptability