LEELA SANJAY KUMAR VELIVELA

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OBJECTIVE

Enthusiastic and detail-oriented Computer Science Engineering student with a specialization in Cloud and Edge Computing. Passionate about software development, problem-solving, and cloud technologies. Seeking an opportunity to leverage my skills in Java, React.js, and ui/ux while contributing to industry-relevant projects.

EDUCATION

B.Tech in Computer Science & Engineering , KL University   Expected 2026

Intermediate, Narayana Juninor College   2020 - 2022

SKILLS

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

EXPERIENCE

Intern   April - June 2024
AICTE - Zscaler   *KL University, Guntur*

- Gained hands-on experience in Zero Trust security models and cloud security implementations.
- Explored best practices for securing cloud environments against unauthorized access and attacks.
- Assisted in implementing Zero Trust policies to mitigate cyber threats effectively.

PROJECTS

Open Pages Designed and developed an e-commerce platform for book rentals and purchases. The system supports user authentication, book management, and secure transactions. Built with JSP and MySQL, it ensures a seamless shopping experience while maintaining efficient database operations.

Indian Culture Information Management System Created a web application for cataloging and exploring cultural heritage sites. The platform supports multimedia uploads, event scheduling, and user reviews. Implemented using JSF, JPA, and MySQL, the system enables users to interact with cultural content effectively.

SevaNet Developed a community service platform to manage volunteer activities, events, and resource allocation. The platform enables seamless event tracking and enhances community engagement. Built using Spring Boot and MySQL, it ensures efficient data management and smooth user interactions.

REAL-TIME USE CASES

- Resolved API response delays by optimizing server-side logic.
- Ensured UI consistency across different browsers.
- Improved SQL query performance by 40 percent through indexing.
- Developed Selenium test cases for early bug detection.
- Reduced response times by 30 percent by implementing caching strategies and optimizing middleware processing.

LEADERSHIP

- As the lead for both the SevaNet and Indian Culture Information Management System projects, I oversaw project planning, feature development, and team coordination. I ensured that technical challenges, such as database optimization and API performance, were addressed effectively. By implementing caching techniques and optimizing queries, I improved system efficiency by 35 percentage.

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.

SOFT SKILLS

- Problem-Solving

- Team Collaboration

- Effective Communication

- Adaptability

LANGUAGES

- English:Proficient

- Hindi:Proficient

- Telugu:Native