

# HARSHA PRAGALLAPATI

Bhimavaram, Andhra Pradesh

☎ [+91-9849105962](tel:+91-9849105962) ✉ [harshapragallapati2005@gmail.com](mailto:harshapragallapati2005@gmail.com) [in](#) [Linkedin](#) [G](#) [Github](#) [LeetCode](#) [Portfolio](#)

## ABOUT ME

Motivated and self-driven Computer Science undergraduate with a strong foundation in full-stack development, and problem-solving. Passionate about building scalable web applications and actively exploring AI-driven technologies. Experienced in leading event teams and contributing to technical communities. Consistently enhance coding skills through daily practice in data structures and algorithms on competitive programming platforms.

## EDUCATION

**SRKR Engineering College**

*B.Tech - CGPA - 9.14*

**2022 – 2026**

*Bhimavaram*

## PROJECTS

**Nipuna25** [🔗](#) | [HTML](#), [CSS](#), [JavaScript](#), [Node.js](#)

**01/2025 - 02/2025**

- Developed a dynamic website for Nipuna, AP's largest techno-management symposium featuring 17+ events.
- Integrated a responsive UI, event registration system, and backend functionalities using Node.js.
- Ensured seamless user experience and optimized performance for high traffic during the fest.
- Led a cross-functional team of developers and designers, coordinating tasks and ensuring timely delivery of features under tight deadlines.

**Library Management System** [🔗](#) | [Spring Boot](#), [Spring MVC](#), [Spring Data JPA](#), [Thymeleaf](#), [Java](#), [MySQL](#)

- Developed a full-stack web application using **Spring Boot** and **Spring MVC** to streamline library operations, enabling management of books, authors, publishers, and categories with robust **CRUD** functionality.
- Implemented many-to-many relationships between entities (Books, Authors, Categories, Publishers) to accurately reflect real-world library structures.
- Designed dynamic, responsive front-end views using **Thymeleaf** templating, enhancing user experience for administrative workflows.
- Configured and tested with multiple relational databases (H2, MySQL), demonstrating environment flexibility and rapid deployment capabilities.

**RESTful Employee Management API** [🔗](#) | [Spring Boot](#), [Spring Security](#), [Spring Data JPA](#), [MySQL](#)

- Built a secure and scalable RESTful API using Spring Boot for employee data management, implementing full CRUD operations.
- Integrated role-based access control using Spring Security to ensure secure API endpoints.
- Designed relational data models and performed data persistence using Spring Data JPA with MySQL.
- Implemented secure password encryption using BCryptPasswordEncoder to protect user credentials.
- Tested REST endpoints using Postman and followed REST conventions and best practices for API design.

## TECHNICAL SKILLS

**Programming Languages and Paradigms:** Java, AOP, OOPS, JavaScript, SQL, Python, C

**Frontend Technologies:** HTML, CSS, React.js, Tailwind CSS, Bootstrap

**Backend Technologies:** Java, Spring framework, Spring Boot, Hibernate, RESTful APIs, Node.js

**Developer Tools:** Maven, VS Code, IntelliJ Idea, Git, GitHub, Postman, Netlify

## EXTRACURRICULAR

**SRKR ISTE**

**2024 - 2025**

*Executive Body Member*

*SRKR Engineering College*

- Elected as an Executive Body Member of ISTE at SRKR, demonstrating leadership and commitment to enhancing the educational experience for peers. Successfully organized Nipuna 25, featuring 17 events focused on skill enhancement across technical and non-technical domains. Led workshops, seminars, and initiatives to improve technical skills and student collaboration while coordinating with faculty and administration.

## CERTIFICATIONS

• Spring Boot Development - Udemy

• Java Programming Fundamentals - EDx