Sai Sneha Sri Vallapuneni

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Profile

A highly motivated and ambitious Computer Science student with a sense of responsibility, organization, and optimism. Experienced in staying focused under pressure and keen to apply my skills to innovative, new technologies. Dedicated to using my skills and learning opportunities to create value for a dynamic organization while developing my capabilities through real-world challenges.

Education

CSE-Internet of Things, *Sreenidhi Institute of Science and Technology* 2022 – 2026
CGPA : 9.45 Hyderabad, India
Relevant Coursework : Operating Systems, Object Oriented Programming,
Database Management System.

Technical Skills

- **Languages** : Java, C, Python, Javascript, Typescript
- **Database** : MySQL, Oracle
- **Frameworks** : Springboot, Angular
- **Others** : html, css, Git, Postman, RESTApi,

Projects

Book Review Website
Developed a **Book Review Website** which enables users to review and rate books they have read with a rating system out of 5. Used **HTML, CSS, JavaScript, and Angular** for the frontend, and **Spring Boot** with **REST API**s for the backend. Integrated the **Google Books API** for seamless fetching of book details. This would allow users to share their thoughts and discover the views of others about different books, thus creating a very engaging and interactive reading community.

Encrypted File System
Designed a **Distributed Peer-to-Peer File Sharing System** that ensures secure data storage using **AES encryption**. This system supports multiple users to share files at the same time while ensuring robust security and that all the activities are performed by legitimate users. The architecture for the designed system is capable of implementing efficient data transfer with integrity checks, thereby ensuring seamless delivery to the user. The entire project was designed and developed in **Java**. It has multi-threading and networking that facilitate efficiency and performance.

Music Search Platform, - *Discover Artists, Albums, and Songs*
Built a **Music Search Platform** with Angular as the frontend and Spring Boot as the backend, allowing users to search for music, artists, albums, and songs effortlessly. The platform uses **SQL joins** to effectively link and fetch data from relational tables with artist information, album details, and song lists.

Certificates

- Python Essentials 1 by Cisco
- Python Essentials 2 by Cisco
- Databases for Developers : Foundations by Oracle