

Thadavarthi Shanmukha Sri Sai Venkat

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[LeetCode: Shannu05](#) | [Codeforces: Shanmukh18](#)

EDUCATION

B.Tech in Computer Science and Engineering

Vellore Institute of Technology, Vellore

2022 – 2026

Vellore, Tamil Nadu

- CGPA: 8.83

Class XII

Sri Chaitanya Jr College, Board of Intermediate Education Andhra Pradesh

2021 – 2022

Bapatla, Andhra Pradesh

- Percentage: 94.1%

Class X

Sri Chaitanya High School, Board of Secondary Education Andhra Pradesh

2019 – 2020

Bapatla, Andhra Pradesh

- Percentage: 97.8%

PROJECTS

RideSync | *Spring Boot, React, PostgreSQL*

February 2025 – Present

- Developing a full-stack cab ride-sharing web application using Spring Boot for backend and React for frontend, enabling users to share rides and split costs.
- Implemented OAuth2 authentication for secure user login and registration.
- Integrated PostgreSQL for storing user data, ride listings, and real-time chat history.
- Added an in-app chat feature to allow users to communicate and coordinate ride-sharing directly on the platform.

E-Commerce website | *Spring Boot, React, PostgreSQL*

December 2024 – January 2025

- Developed a full-stack e-commerce web application using Spring Boot for backend services and React for the frontend user interface.
- Designed and implemented CRUD operations for products, categories, user profiles, and orders using JPA with PostgreSQL as the relational database.
- Integrated OAuth2 and JWT-based authentication for secure user sessions, supporting both customers and admin roles with role-based access control (RBAC).
- Developed stateful features like shopping cart, product filtering, and order checkout using React Context API and Axios for client-server communication.

GPA Calculator | *React*

September 2024 – September 2024

- Developed a GPA Calculator web application using React.
- Designed for VIT students to compute GPA/CGPA based on their credits and courses taken.

LetsChat | *Java*

July 2024 – August 2024

- Developed a chat application using Java Socket Programming and multithreading concepts of Operating Systems.
- LetsChat is a multithreaded client-server based chat application with text interface where users can connect to the server and can either broadcast their message on the server or send a private message to a specific user.

TECHNICAL SKILLS

Languages: C/C++, Java, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: Spring Boot, React, Hibernate ORM

Developer Tools: Git, Docker, IntelliJ IDEA

ACHIEVEMENTS AND EXTRACURRICULAR

- Senior Core Android App Developer at ADG a technical student club in VIT, Vellore.
- Attained a maximum LeetCode Contest rating of 1436, demonstrating proficiency in competitive programming.
- Reached a maximum Codeforces rating of 1086, demonstrating proficiency in competitive programming.