

Thadavarthi Shanmukha Sri Sai Venkat

9515321145 | shanmukha.thadavarthi@gmail.com | [linkedin.com/in/shanmukha-thadavarthi](https://www.linkedin.com/in/shanmukha-thadavarthi)

Codeforces: [Shanmukh18](#) | [shanmukha-thadavarthi-portfolio](#) | LeetCode: [Shannu05_](#)

EDUCATION

B.Tech in Computer Science and Engineering

2022 – 2026

Vellore Institute of Technology, Vellore

Vellore, Tamil Nadu

- CGPA: 8.83

Class XII

2021 – 2022

Sri Chaitanya Jr College, Board of Intermediate Education Andhra Pradesh

Bapatla, Andhra Pradesh

- Percentage: 94.1%

Class X

2019 – 2020

Sri Chaitanya High School, Board of Secondary Education Andhra Pradesh

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.

UniBuy | *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, deployed on cloud platforms Render and Vercel.
- Designed and implemented CRUD operations for products, users, orders, and shopping cart functionality using Spring Data JPA with PostgreSQL as the relational database, implementing proper entity relationships and data validation.
- Integrated JWT-based authentication using Spring Security for secure user sessions, supporting both customer and admin roles with method-level authorization, and implemented stateful features like shopping cart and order processing using React Context API and Axios for client-server communication.
- Link: unibuy-six.vercel.app

VIT GPA Calculator | *React*

September 2024 – September 2024

- Developed a responsive React.js web application using modern JavaScript to create an interactive Grade calculator with dynamic form management
- Implemented component-based architecture with React hooks (useState, useEffect) to build user-friendly interfaces including dual calculator modes, dynamic course and semester addition
- Link: vit-gpa-calculator-six.vercel.app

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.
- Link: github.com/Shanmukha18/LetsChat

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.