

SAI TEJA VENKATA VINAY ADAPA

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[Portfolio](#) [LinkedIn](#) [Github](#) [LeetCode](#) [HackerRank](#)

Objective

A motivated software engineering student with a strong foundation in Java and Spring Boot, passionate about building scalable backend services. Proven ability to develop and deploy full-stack applications, with hands-on experience in RESTful API development, JWT-based security, and service-oriented architecture. Eager to contribute to a fast-paced eCommerce environment.

Education

Pragati Engineering College	2022-2026
Computer Science Engineering	7.83 CGPA
Narayana Junior College	2020-2022
Intermediate	94.4%
Ashram Public School	2019-2020
Xth CBSE	81%

Projects

CareerNexus (Your Integrated Hub for Future-Ready Careers)

Role: Project Team Lead & Backend Developer (Java Spring Boot)

Technologies: Java 21, Spring Boot 3.5.x, Spring Security, JWT, PostgreSQL, React, Tailwind CSS, Python (AI Service)

I Architected a full-stack campus placement management system designed to streamline recruitment workflows for 3 distinct user roles: students, TPOs, and interviewers.

- **Core Architecture:** Designed a modular, service-oriented system with a React frontend and a Java Spring Boot backend for RESTful APIs, leveraging Java 21 and PostgreSQL.
- **Security & Access Control:** Engineered a robust security layer using Spring Security and JWT, implementing stateless authentication and enforcing granular role-based access control (RBAC) across the platform.
- **Key Module Development:** Led the development of 4 core service modules to meet distinct user requirements for students, TPOs, and interviewers , including profiles, job postings, and application tracking.
- **Leadership & Planning:** Managed initial project setup, technology stack selection, and agile sprint planning.

DevBridge IDE

Role: Individual Contributor & Full-Stack Developer

Technologies: Java Spring Boot (WebSockets, JWT), React.js, EMKC Platform API, REST APIs, Git

- Engineered a full-stack collaborative IDE designed to support multiple concurrent users in secure, real-time coding sessions, protected by JWT-based authentication.
- Applied sound engineering principles to develop high-performance backend services using Spring Boot and WebSockets, improving the efficiency and reliability of real-time collaborative features.

Experience

Infosys Virtual Internship (November 2024 - February 2025)

Role: Python Developer Intern- Automated Cheque Processing System

- Developed an automated cheque processing system using OCR (Optical Character Recognition) to extract data from scanned bank cheque PDFs.
- Gained practical experience in financial data automation, OCR integration, and problem-solving in real-world scenarios.

Technical Skills

- **Programming & Core Concepts:** Java, Python, C , Data Structures & Algorithms (DSA) Object-Oriented Programming (OOP)
- **Web Development (Full-Stack):** Spring Boot, RESTful APIs , ReactJS, HTML, CSS, JavaScript, Tailwind CSS, SQL (PostgreSQL, familiar with MySQL concepts)
- **Tools & Version Control:** Git, Github , VS Code, PostMan

Certifications

- Java Foundation Certification - Infosys - 2025
- Python Certification - Infosys - 2023
- ReactJs Certification - HackerRank - 2024