

Sai Teja Venkata Vinay Adapa

Software Engineer

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[Linkedin](#) [Github](#) [Portfolio](#) [Leetcode](#) [Hackerrank](#)

Aspiring Software Engineer with strong academic background and experience in Java, Spring Boot, React, and Python. Completed an internship building an OCR pipeline and RESTful APIs. Skilled in leading projects, optimizing databases, and working in Agile teams. Seeking to apply technical and problem-solving skills in software development.

Education & Qualifications

Bachelor of Technology in Computer Science.

Pragati Engineering College Surampalem | Expected Graduation: 07/2026 | CGPA: 7.97/10

Key Projects

CareerNexus (Your Integrated Hub for Future-Ready Careers)

Role: Team Lead & Backend Developer

Tech Stack: Java 21, Spring Boot 3, Spring Security 6, JWT, PostgreSQL, RESTful APIs, React, Agile

- Led a team of five to deliver a campus recruitment platform on schedule, supporting students, placement officers, and recruiters with dedicated dashboards.
- Developed features that allowed students to create profiles, apply for jobs, practice coding, and track their application status.
- Improved query processing speed by 45% by optimizing the platform's database and internal processes.
- Enhanced data validation methods during user registration and job application, increasing data accuracy by 99%.
- Coordinated project tasks within the team, which resulted in delivering milestones 20% faster and improving overall project efficiency.

DevBridge IDE

Role: Individual Contributor & Full-Stack Developer

Tech Stack: Java, Spring Boot, WebSockets, JWT, React.js, REST APIs, Git

- Developed a real-time code synchronization feature using WebSockets, allowing multiple users to edit code together with immediate updates for all session participants.
- Added user presence indicators and notifications to show when collaborators joined, left, or were actively editing within the session

Work Experience

Infosys (Virtual) | Python Developer Intern

11/2024 - 02/2025

- Designed and implemented an OCR pipeline in Python to extract key information—payee, amount, and date—from scanned cheques.
- Developed and integrated a data validation module with PostgreSQL, achieving over 99% accuracy in processed cheque data.
- Collaborated with the team to test and improve image processing techniques, increasing overall recognition accuracy across different cheque formats by 15%.

Technical Skills

- Programming Languages:** Java, Python, JavaScript, C, SQL, HTML5, CSS3
- Web Technologies:** React.js, Representational State Transfer (REST) APIs, WebSockets
- Frameworks & Libraries:** Spring Boot, Spring Security, Tailwind CSS
- Databases:** PostgreSQL, MySQL, Database Design
- Development Tools:** Git, GitHub, VS Code, Postman, IntelliJ IDEA
- Core Competencies:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)

Certifications

- Java Full Stack Certification – AICTE (01/2025)
- Java Foundation Certification – Infosys (02/2025)
- Python Certification – Infosys (03/2023)
- React.js Certification – HackerRank (06/2024)