

Sai Manikanta Madhavarapu

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Education

Vasireddy Venkatadri Institute of Technology

June 2025

Bachelor of Technology — Information Technology

Guntur

- Academic Excellence — **CGPA: 8.31**
- Courses: OS, DSA, DBMS, CN

Objective

Motivated and results-driven Information Technology student with hands-on project experience and a strong problem-solving mindset. Eager to contribute to impactful teams and grow across domains such as development, data, or cloud in a dynamic organization.

Technical Skills

Programming Languages: Java, C, Python, JavaScript, HTML5, CSS3, Tailwind CSS

Frameworks & Databases: Spring Boot, REST APIs, React, PostgreSQL, MySQL, MongoDB

Cloud/DevOps & Tools: Docker, Git/GitHub, Postman, VS Code, Linux

Projects

PocketPulse | *Live Demo* | *Source Code*

Spring Boot | **PostgreSQL** | **React** | **Tailwind CSS** | **JWT**

- * Designed and deployed a full-stack personal finance platform supporting multi-user authentication and secure role-based access control.
- * Implemented key features such as transaction management, interactive analytics dashboard, and automated financial reporting to improve user insights.
- * Containerized frontend and backend with Docker, ensuring consistent deployments and 99.9% uptime across environments.
- * Integrated third-party services (Cloudinary for media storage, Email SMTP for notifications) to deliver a seamless user experience.

BGClear | *Live Demo* | *Source Code*

Spring Boot | **PostgreSQL** | **React** | **Tailwind CSS** | **Clerk**

- * Developed a credit-based background removal platform, integrating authentication, payments, and real-time credit tracking into a seamless user experience.
- * Streamlined onboarding by 70% through Clerk authentication and an intuitive, responsive React interface.
- * Engineered scalable backend architecture in Spring Boot with PostgreSQL, optimizing API performance and frontend-backend communication.

LinkedIn Clone Backend | *Live Demo* | *Source Code*

Spring Boot | **Java** | **MYSQL**

- * Developed a backend for a LinkedIn clone using Spring Boot to handle user authentication, posts, connections, and messaging.
- * Utilized Spring Security and JWT for secure authentication and authorization, ensuring user data privacy.
- * Optimized API endpoints and database queries to improve response time and system throughput under load.

Achievements

- Published a **research paper** on final year project, showcasing applied research and technical writing skills.
- Achieved **1440** LeetCode contest rating, showcasing strong skills in algorithms and data structures.
- Secured **1586** GeeksforGeeks contest rating, ranking among top competitive programmers.
- Earned **Google Certified ACE** (2024) with expertise in cloud infrastructure and deployment.
- Earned **HackerRank Problem Solving** certification, validating core skills in algorithms and logic building.