

LOKADITHYA MATTI

Computer Science Student

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SUMMARY

As a computer science student at Sreenidhi Institute, I have honed my skills in backend and full-stack development. Dedicated to building scalable systems, I've developed innovative solutions like AI-driven platforms and e-commerce applications. With a strong focus on research-driven growth, I thrive on solving complex algorithmic challenges and have attained top rankings in competitive programming

EDUCATION

B.Tech in Computer Science and Engineering

Sreenidhi Institute of Science and Technology

11/2022 - 05/2026 Hyderabad, India

CGPA

8.71 / 10.0

CERTIFICATION

NPTEL Certification
NPTEL certifications in Java, C and problem solving with C

PROJECTS (SELECTED)

Kisan Direct - Blockchain-based Farm-to-Consumer E-commerce Platform
team Project
Tools: Azure Confidential Ledger, Next.js, Firebase
Led system design and architectural planning as Team Lead for a scalable e-commerce platform connecting farmers directly with consumers using government logistics.
Integrated Azure Confidential Ledger to enable secure, anonymized transactions with real-time produce routing.
Awarded 1st place out of 460+ teams at a national 24-hour hackathon hosted at Microsoft IDC.

Nowlite - Internal Management & Ticketing Platform (SaaS)
Solo Project
Tools: Next.js, SWR, Firebase Auth, Gemini API, Custom LLM Agent.
Developed a scalable incident management system with a modular full-stack architecture and secure role-based access control.
Built a custom multilevel LLM agent capable of parsing and tokenizing natural language prompts, matching them to JavaScript functions for dynamic incident creation and messaging actions.

Awake - AI-Driven Personal Productivity & Mentorship Platform
Solo Project
Tools: Next.js, Iron Session, Firebase, Gemini API
Developed a modular productivity system enabling users to track goals with minimal overhead and full extensibility.
Engineered a real-time, WhatsApp-style chat interface for mentor-mentee communication, including full back-end, database schema built from scratch.
Integrated a Gemini-powered assistant to analyse user input and generate actionable, context-aware feedback in natural language.

KEY ACHIEVEMENTS

 **Gate 2025 Qualification**
Qualified for Gate 2025

 **Champions of Hackcelerate 2025**
1st place winner out of 460 teams in a national 24-hour hackathon, with finals hosted at Microsoft IDC.

SKILLS

Git	Linux/Unix environments		
Flask	GitHub	Java	MongoDB
Next.js	Python	React	Redis
SQL	Tailwind	TypeScript	
Vercel	Blockchain fundamentals		
C	Framer	scalingo	railway

RESEARCH WORK

Rewiring Indian agriculture
sadhan
A robust farmer to consumer supply chain built with a decentralised system.
currently under peer review.

Reinforcement based Job Scheduling algorithm
improved the GRASP algorithm by combining it with reinforcement techniques to achieve optimisation across standard bench marks

LEETCODE

- Solved **850+ problems** across Java, Python, and MySQL with a focus on dynamic programming, backtracking, and graph algorithms.
Global Rank: Top 13% (Rank ~30,000/700,000+),
- Contest Rating:** 1702.
Earned 15+ badges, including 500 Days and 365 Days Streak, with consistent daily problem-solving discipline.