MEDURU RAGA VYSHNAVI

2nd Year B.Tech CSE(AIML) Student | GRIET

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ABOUT ME

I am currently pursuing a B.Tech degree with a specialization in AI and ML. Aspiring software developer with a strong foundation in web development, who values clean design, logical thinking, and continuous improvement. Ready to learn quickly and contribute meaningful value in a professional environment. My primary goal is to become an independent individual with a strong willingness to learn and grow.

EDUCATION

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY
B.Tech CSE(AIML) | 2024-2028 | CGPA: 8.32/10

NXTWAVE ACADEMY
Focusing on industry-ready skills | 2024-2028
Enrolled in Nxtwave CCBP 4.0 Program that focuses on industry-ready skills like full stack web development, SQL, & Python

SKILL

- Programming skills:
  c,java,python(basics)

- Web development skills:
  HTML,CSS,JS(basics),Bootstrap

- Tools/Platforms:
  Git/Github,VSCode,Spring Boot

- Database:
  MySql,DBMS concepts

- Soft skills:
  good listening,
  problem solving,
  error handling,
  critical analysis

ACHIEVEMENTS / INVOLVEMENTS

Smart India Hackathon (SIH) 2025 Participant:

Problem Statement(SIH25193): Forecasting materials demand with machine learning for supply chain planning, procurement, and inventory optimization | Power Grid Corporation of India Limited | Ministry of Power

- Contributed to defining project requirements and the overall system design.

Ideathon | GRIET

Pitched an idea that solves a real world problem : a platform that connects skilled workers in developing regions with global job opportunities , promoting fair wages and decent working conditions
- Identified a real-world labour gap and proposed a scalable digital solution.
- Articulated the social impact and feasibility of the proposed platform.

X-Kernal Club | GRIET

Domain: Web Development | Junior Web Development Lead | Active participation in events and contributed in building web applications for events

TRAINING / CERTIFICATIONS

- Smart Interviews Training Program : Pursuing a Data Structures and Algorithms course
  with a focus on problem solving and multiple coding questions
- AIML course : iHub-Data (IIIT-H) | 6 months AIML course | May 2025 Batch
- Nxtwave : Static and responsive web development

PROJECT

Smart Warehouse Slot Allocation System

> Tech Stack Used : (HTML ,CSS ,JS) +(Java, Spring boot)
> designed a Smart Warehouse Slot Allocation System using Priority Queue and HashMap.
> Products are prioritized based on demand, weight, and expiry date.
> A max heap ensures high-priority products are allocated optimal slots first, while HashMap allows constant-time tracking of product-to-slot mappings.
> This approach minimizes retrieval time and prevents losses due to expiry or improper storage