UDAY KUMAR REDDY

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EDUCATION

Rajeev Gandhi Memorial College of Engineering and Technology   **2023 – 2027**
B.Tech - Computer Science and Engineering (Data Science) - ***CGPA - 8.56***   *Nandyal, Andhra Pradesh*

Jawahar Navodaya Vidyalaya   **2021 – 2023**
AISSCE All India Senior Secondary Certificate Examination. - ***PCT - 91%***   *Lepakshi, Andhra Pradesh*

COURSEWORK / SKILLS

- Data Structures and Algorithms
- Python
- Operating Systems
- Web Development
- Data Base Management System
- OOP Concepts

PROJECTS

Course Selection and Teacher Assignment System ↗ | MERN Stack   **October 2024**

- Developed a MERN stack-based Course Selection and Teacher Assignment System for efficient course and faculty management.
- Designed dynamic student and admin interfaces for seamless course selection and teacher assignment.
- Implemented scalable data handling with MongoDB to ensure real-time updates and reliability.

Intelligent Document Analysis System ↗ | React, Python   **August 2025**

- Developed an AI-powered document analysis platform enabling semantic search, and contextual insights.
- Implemented embeddings with SentenceTransformers + FAISS for fast semantic retrieval across bulk PDFs.
- Integrated Gemini AI for insight generation.
- Built a React-based frontend with interactive PDF viewing, snippet navigation, insights panel, and podcast playback.

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, SQL.
Technologies/Frameworks: HTML, CSS, ReactJS, MongoDB, FastAPI
Developer Tools: Git & GitHub, VS Code, Google Colab, Jupyter Notebook, Postman.

EXTRACURRICULAR

- Google Developer Groups (GDG) - Social Media Lead. Strategically promoted tech events and workshops through engaging campaigns, led hands-on sessions, and fostered a vibrant developer community. Collaborated with industry experts and mentored peers to drive participation and learning.
- The Codes (Coding Club) - Member

COMPETITIVE PROGRAMMING

LeetCode: Solved over 100 DSA problems on LeetCode.
HackerRank: 5-Star Coder on HackerRank (Problem Solving, Java, Python).
CodeChef: 2-Star Coder on CodeChef.

ACHIEVEMENTS

Hackathon: Selected for Final round in Adobe India Hackathon - 2025 conducted by Adobe India.

Hackathon: 1st place in 24hrs Hackathon conducted by Rajeev Gandhi Memorial College of Engineering and Technology. (CSE Dept - 2025)

Coding Competition:
1st place in Coding Competition conducted by Rajeev Gandhi Memorial College of Engineering and Technology. (CSE Dept - 2025)
1st place in Coding Competition conducted by Rajeev Gandhi Memorial College of Engineering and Technology. (Mechanical Engineering Dept - 2025)