MADHU LATHA KODURU

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CAREER OBJECTIVE

Motivated Computer Science student seeking opportunities to apply technical knowledge in real-world projects. Passionate to learn , develop scalable solutions and contribute to innovative software development initiatives.

PROJECTS

Digital Prescription Generator   **2025**
Developed a MERN stack-based digital prescription system where patients request prescriptions and doctors generate them. Implemented authentication, patient-doctor interaction, and real-time prescription creation using React, Node.js, Express, and MongoDB. Enabled PDF generation for efficient record-keeping and usability.

Exam-wise Summarization Tool   **2024**
Built a machine learning-based text summarization tool that scrapes exam-related data to generate concise summaries. Leveraged Python, SpaCy, and databases for efficient data storage and retrieval. Solved runtime and memory challenges during deployment, ensuring a scalable solution.

INTERNSHIP

AI/ML Internship - Eduskills(Google virtual)   **July 2024-Sep 2024**
Completed an internship focusing on AI/ML applications, gaining hands-on experience in designing and implementing intelligent systems to solve real-world problems.

EDUCATION

B.Tech, Prasad V Potluri Siddhartha Institute of Technology	9.4* CGPA (2026)
Relevant Coursework: Computer Science and Engineering (Data Science).	
Intermediate, Sri Chaitanya Jr. College	95% (2022)
10th, Vivekananda English Medium High School	98% (2020)

SKILLS

Programming Skills	Java (Expert), Python (Intermediate), C (Intermediate), C++ (Beginner)
Technical Skills	HTML (Expert), CSS (Intermediate), JavaScript (Beginner), React (Intermediate)
Technologies	Machine Learning, Data Science, Data Visualization (Power BI), SQL, Web Development (MERN)

ACHIEVEMENTS AND CERTIFICATIONS

- **Hackathon:** Secured first prize in a college hackathon for an innovative solution under tight deadlines, showcasing problem-solving and teamwork skills.

- **NPTEL:** Awarded with Silver Certificate in "Machine Learning", "Soft Skills and Enhancement" and achieved Elite Certification in "Database Management Systems".

- **Coursera:** Certified in Python Programming.

- **Spoken Tutorial:** Acquired Java,Python certifications from IIT Bombay.

- **Hackerrank:** Achieved 5 star rating in Problem Solving and 3 star rating in C,Python .

- **Leetcode:** Achieved 1700+ rating in contests and earned 50 days,100 days, monthly badges. **(Top 11.23%)**

CO-CURRICULAR AND LEADERSHIP

- **Innovation and Leadership:** Served as Coordinator for Freshman Engineering in the Innovation Council, leading initiatives to integrate innovative thinking into the curriculum.

- **Public Speaking and Communication:** My strong communication skills have been recognized through prizes won in elocution, debate,paper presentation and group discussion events.

- **Event Management and Organization:** Hosted various college-level events, showcasing organizational skills and effective team leadership.