MAILE VENU MADHAV

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OBJECTIVE

Motivated and detail-oriented AIML student with a strong foundation in full-stack development, data structures, and modern web technologies. Eager to apply technical skills and problem-solving abilities in a dynamic organization, contribute to real-world projects, and continuously grow through hands-on experience and learning opportunities.

EDUCATION

• **Mohan Babu University**   *October 2022 - July 2026*
B.Tech Computer Science in Artificial Intelligence and Machine Learning   Tirupati, India
  ◦ GPA: 9.0/10.00

• **Narayana Junior College**   *July-2019 - July 2021*
Intermediate   Anantapur, India
  ◦ Grade: 92.8%

SKILLS

  ◦ **Programming Languages:** Python, SQL, Java
  ◦ **Web Technologies:** HTML, CSS, React.js, Node.js
  ◦ **Tools and Platforms:** Streamlit, Google Colab, Git, GitHub, VS Code
  ◦ **Core Competencies:** Distributed Systems, Linux/Unix, Machine Learning, TCP/IP, REST APIs, Version Control, OOP, Agile/Scrum

PROJECTS

• **Life Connect – HealthTech Appointment & Blood Donation System: (In Progress)**   *May 2025*
Tools: React, MongoDB, Node.js, Express.js   [⊙]
  ◦ Developed a responsive frontend using React for managing hospital appointments and blood donation requests
  ◦ Structured and implemented MongoDB schemas for patients, doctors, and donors
  ◦ Planning RESTful API integration with JWT authentication and role-based access in upcoming development phases
  ◦ Maintaining project codebase on GitHub with consistent version control and documentation practices

• **Personal Portfolio Website:**   *April 2025*
Tools: ReactJS, HTML5, CSS3, GitHub   [⊙]
  ◦ Built a responsive portfolio to showcase projects and technical skills
  ◦ Designed intuitive UI/UX to highlight experience and GitHub links
  ◦ Implemented reusable components and responsive layout
  ◦ Deployed via GitHub Pages with version control best practices

• **AI Health Bot with Symptom Classification:**   *April 2025*
Tools: Python, Scikit-learn, Gemini API, Streamlit, Speech Recognition   [⊙]
  ◦ Created a Streamlit app to classify diseases from user input (text/audio)
  ◦ Trained RandomForestClassifier on over 700 diseases using symptom metadata
  ◦ Integrated voice input and Gemini API for real-time medical advice
  ◦ Used metadata management to simulate NFT health data mapping

EXPERIENCE

Hackathon Participant: XHORIZON   *April 2025*
Theme: AIML
• Collaborated with a team to create an AI health assistant that predicts diseases from symptoms and provides treatment recommendations.
• Gained valuable experience in problem-solving, communication, and applying AI to real-world use cases.

VOLUNTEER EXPERIENCE

MM2k23 Organizer   *October - 2023*
Public Relations
• Organized MohanaMantra2k23, a university-level tech and cultural fest, served as a core member of the Public Relations team.