

Chowdary Meghana

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Career Objective

Motivated full stack fresher skilled in Python, web development, and database handling. Eager to apply technical and problem-solving skills in a team environment and contribute to real-world projects.

Technical Skills

- Programming Languages: Core Python.
- Full Stack: Frontend (HTML, CSS, JavaScript, Angular) & Backend (Python)
- Databases: MySQL, MongoDB
- UI Library: Bootstrap
- Developer Tools: Git, GitHub, Visual Studio Code.

Project

Hospital Management System (Python, SQL)

- Built a Python-based hospital management system with patient management, appointment scheduling, and billing modules.
- Implemented role-based login for admin, doctor, reception, and pharmacy users.
- Designed MySQL tables for patient history, prescriptions, invoices, and stock.
- Created a responsive UI using HTML, CSS, and JavaScript with search and validation.

Academic Project

Stress Detection through Facial Expressions

- Built a stress detection system using Python, OpenCV, and ML to classify facial mood (Good/Bad/Neutral).
- Integrated an Arduino pulse sensor to measure real-time pulse rate.
- Displayed alerts based on readings (e.g., high pulse: "Take some rest", low pulse: "Don't worry").
- Generated an automated stress report combining facial recognition and pulse data.

Certificates

- AWS Academy Cloud Security Foundations – AWS Academy (2024)
- Internet of Things (IoT) – Appleton Innovations (56-hour course, 2023)
- Robotics Workshop – Tech Team Solutions (2023)

Strengths

- Quick learner and able to adapt to new tools and technologies
- Strong logical thinking and problem-solving skills
- Effective communication and strong team collaboration skills.

Education

M.Sc. (Computer Science), (2024), Gayatri Vidya Parishad College - 8.4 CGPA

B.Sc. (Computer Science), (2022), Gayatri College of Science and Management - 8.53 CGPA

Intermediate, Sri Chaitanya Junior College - 9.13 CGPA

Languages

Telugu and English