

NAGA DINESH MESARAGANDLA

Bengaluru, India

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Portfolio: Dineshmnd2004.github.io/portfolio-site

Summary

Motivated and detail-oriented Computer Science student with practical experience in full-stack web development, backend systems, and machine learning. Proficient in Python, SQL, HTML/CSS. Built and deployed real-world applications, including an ML-powered e-commerce platform and an AI-based emotion detection system. A quick learner with strong problem-solving and collaboration skills, eager to contribute to impactful and scalable software solutions.

Education

B.Tech in Computer Science and Engineering

Jain University, Bengaluru

2022 – 2026

CGPA: 7.8

Class XII

Sri Chaitanya Jr College, Andhra Pradesh

2021 – 2022

Percentage: 85.5%

Class X

Gowtham Concept School, Andhra Pradesh

2019 – 2020

Percentage: 100%

Projects

Sweet Delights – ML-Based Sweet Ordering Platform

Built a full-stack sweet ordering website using Flask, HTML/CSS/JS, and MongoDB. Integrated an Apriori ML model to suggest frequently bought items, improving user experience.

Mental Health Detection via Facial Expression

Developed a real-time emotion detection app using Python, CNN, and OpenCV. Classified facial expressions to aid early mental health screening.

ENT Prescription Prediction Using Machine Learning

Created a prediction model using Random Forest, SVM, and Logistic Regression. Reached 89% accuracy using stacking and tuning to support ENT diagnosis.

Skills

- **Programming Languages:** Python, C (Basics)
- **Web Development:** HTML, CSS, React.js
- **Database Management :** MySQL, MongoDB
- **Tools & Software:** GitHub, VS Code, Excel, Word, PowerPoint
- **Machine Learning & AI:** Basic knowledge of ML and AI concepts
- **Soft Skills:** Teamwork, Time Management, Communication, Problem Solving

Certifications

- Python Basics – Coursera
- Building Web Applications in PHP – Coursera
- Artificial Intelligence Fundamentals – IBM