Naga Dinesh Mesaragandla

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Professional Summary

Aspiring Software Engineer with hands-on experience in full-stack web development and machine learning. Skilled in building responsive interfaces, RESTful APIs, and integrating Python-based backend systems. Familiar with Agile development and passionate about writing clean, scalable, and efficient code. Also interested in applying ML and software logic in intelligent, real-time or engineering-based applications.

Education

B.Tech in Computer Science and Engineering *2022 – Present*
Jain University, Bengaluru
CGPA: 7.8

Intermediate (Class XII) *2020 – 2022*
Sri Chaitanya Jr College, Andhra Pradesh
Percentage: 84.5%

Skills

- **Languages:** Python, C (Basics), JavaScript (Basics), HTML, CSS, SQL(Basics)
- **Frameworks/Tools:** Flask, MongoDB
- **Data Tools:** GitHub, VS Code, Excel, Word, PowerPoint
- **Soft Skills:** Teamwork, Time Management, Problem Solving, Communication

Projects

Sweet Delights – ML-Based Sweet Ordering Website
Developed a full-stack sweet ordering site with login/cart using HTML, CSS, JS, Flask, and MongoDB. Integrated Apriori ML model for “Frequently Bought Together” suggestions via Flask backend.

Mental Health Prediction via Facial Expression
Built a CNN model using Python/OpenCV to classify emotions (happy, sad, angry, neutral) from facial images. Aimed at early mental health detection using real-time expression analysis. This is an AI-driven application.

ToDo List Manager – Console-Based Java App
Created a Java CLI tool for managing tasks using classes and ArrayList. Features: add, complete, and delete tasks through menu-driven interface.

Diagnosis and Prescription Prediction for ENT Patients Using ML
Designed ML model to predict ENT prescriptions from symptoms and demographics. Used Random Forest, SVM, Logistic Regression, and stacking ensemble to achieve 89% accuracy. This is an AI-driven application.

Certifications

- Python Basics – Coursera
- PHP & Linux Fundamentals – Coursera
- Artificial Intelligence & Machine Learning – IBM SkillsBuild