

# VAISHNAVI DONTULA

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## SUMMARY

Enthusiastic Computer Science graduate skilled in Python, data analysis, and full-stack development. Seeking an entry-level role to apply technical skills in solving real-world problems and contribute to innovative projects.

## EDUCATION

## PERCENTAGE

### Bachelor of Technology – Computer Science Engineering

7.15 (CGPA)

Ellenki College of Engineering and Technology, JNTUH – 2025

### Senior Secondary (12th) – MPC

88%

Sri Gayatri Junior College, State – 2021

### Secondary (10th)

71%

Rainbow International School, CBSE – 2019

## ACADEMIC PROJECTS

### Automated Coral Species Classification (TensorFlow) | Jan 2025

- Built a deep learning model for coral species classification, enhancing marine biodiversity monitoring.
- Improved accuracy via hyperparameter tuning and data augmentation.

### Smart Traffic Management System | Dec 2024 – Feb 2025

- Developed an AI-based system with real-time data and adaptive signal control to reduce congestion.

### Carpooling App for Local Communities | Jan 2025 – Mar 2025

- Created a ridesharing app with booking, fare estimation, and real-time tracking for local users.

### Online Payment Fraud Detection (Python, ML) | Mar 2025 – Present

- Designed a real-time ML system for fraud detection using anomaly detection and risk assessment models.

## CERTIFICATES

- **Data Analytics Job Simulation – Deloitte (April 2025)**
- **Advanced Course – Code Unnati – TASK (SAP) (April 2025)**
- **Innovation Marathon Participation – Code Unnati – TASK (SAP) (April 2025)**
- **Full Stack Development – NSDC (Feb 2025)**
- **Microsoft Skills – Mind Luster (Mar 2024)**
- **C Programming – Mind Luster (Mar 2024)**
- **Flutter Verse Workshop – JNTUH (Mar 2022)**
- **Python Bootcamp – Udemy (May 2025)**
- **AWS Solutions Architecture Job Simulation – AWS (April 2025)**
- **Consumer, Small & Business Banking Simulation – Wells Fargo (April 2025)**
- **Data Visualization: Empowering Business Insights – TATA (April 2025)**

## TECHNICAL SKILLS

**Programming:** Python, SQL, C

**Web & Scripting:** HTML, CSS, JavaScript

**Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau

**Databases & Cloud:** MySQL, Google Cloud, AWS (Basic)

**Tools & Technologies:** Jupyter Notebook, Git, GitHub, Excel

## LANGUAGES

Fluent in English, Telugu, and Hindi (Oral & Written)