VAISHNAVI DONTULA

+91 9059591897 | vaishnavidontula04@gmail.com | Hyderabad

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Motivated and detail-oriented Computer Science graduate with hands-on experience in full-stack development and a strong focus on responsive frontend design. Proficient in HTML, CSS, JavaScript, and Python, with working knowledge of MySQL and cloud platforms. Built end-to-end web applications like ridesharing and fraud detection systems. Passionate about creating clean, user-friendly interfaces and collaborating in agile environments to deliver impactful solutions. Eager to contribute to innovative projects and grow as a frontend or full-stack developer.

EDUCATION

Bachelor of Technology – *Computer Science Engineering*
Ellenki College of Engineering and Technology, JNTUH – 2025 | **CGPA: 7.27**

Senior Secondary (12th) – *MPC*
Sri Gayatri Junior College, State – 2021 | **88%**

Secondary (10th)
Rainbow International School, CBSE – 2019 | **71 %**

EXPERIENCE

Web & Mobile Application Developer Trainee
Synchro Serve – NSDC PMKK, Chevella (NASSCOM Certified) — *Ranga Reddy, Telangana*
Nov 2024 – Feb 2025 (540 Hours)

- Completed 540-hour training in web & mobile app development.
- Built mini-projects using HTML, CSS, JavaScript.
- Gained hands-on experience in responsive design and Git.

ACADEMIC PROJECTS

Automated detection and classification of coral species using tensor flow models | Jan 2025

- Built a deep learning model for coral species classification using TensorFlow, achieving 87% classification accuracy.
- Enhanced marine biodiversity monitoring through data augmentation and hyperparameter tuning, improving accuracy by 12% over baseline.

Smart Traffic Management System | Dec 2024 – Feb 2025

- Developed an AI-powered traffic control system using real-time sensor data and adaptive signalling.
- Reduced traffic congestion by an estimated 25% during peak hours in simulation tests, improving signal efficiency and flow.

Carpooling App for Local Communities | Jan 2025 – Mar 2025

- Created a full-stack ridesharing app with booking, fare estimation, and real-time GPS tracking.
- Reached **90% ride-matching accuracy** in simulated local usage tests and improved user booking efficiency by **30%**.

Online payment fraud detection using machine learning in python | Mar 2025 – Jun 2025

- Designed a real-time fraud detection system using machine learning and anomaly detection techniques.
- Achieved **92% detection accuracy**, helping to identify and flag high-risk transactions within **milliseconds** of occurrence.

TECHNICAL SKILLS

- **Programming**   Python, SQL, C
- **Web & Scripting**   HTML5, CSS3, JavaScript
- **Data Analysis & Visualization**   Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau
- **Databases & Cloud**   MySQL, Google Cloud, AWS (Basic), Supa base
- **Tools & Technologies**   Jupyter Notebook, Git, GitHub, Excel, VS Code
- **Development Practices**   Agile Methodology, Software Development Lifecycle (SDLC), REST APIs

ACHIEVEMENTS & CERTIFICATIONS

- 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)
- 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)

EVENTS & WORKSHOPS ATTENDED

- Participated in "Flutter Verse" National Level Workshop on Basic App Development using Flutter, organized by JNTUH University College of Engineering, in association with Google Developers Group, Hyderabad (March 2022).
- Participated in the International Conference on Emerging Trends in Management and Sciences (ICETMS), Ellenki College of Engineering & Technology, June 2022.
- Grad Right Global University Planning Event – Hyderabad, December 2024 Participated in sessions on international admissions, scholarships, and global career planning.

LANGUAGES

English – Fluent | Telugu – Native | Hindi – Proficient