Donapati Hemalatha

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OBJECTIVE

Driven and solution-oriented developer with a passion for analytical problem-solving. Skilled in full-stack and AI-integrated development, focused on building secure, efficient, and user-friendly applications through teamwork, clear communication, and adaptability.

EDUCATION

Bachelor of Technology - Artificial Intelligence and Machine Learning   2022 – 2026
Vasireddy Venkatadri Institute of Technology
8.76 CGPA

Intermediate   2020 – 2022
Vijaya Jyothi Junior college
93.7%

SSC   2019 – 2020
Sri Viswa Santhi high school
99%

WORK EXPERIENCE

AI & ML Virtual Internship Program – APSCHE (SmartInternz)   05/2025 - 07/2025
Transfer Learning-Based Poultry Disease Classification Web App
- Developed a Flask-based full-stack web app integrating ML and computer vision for real-time poultry disease detection (92% accuracy) with RESTful APIs, secure image upload, and responsive UI.
- Optimized the modular backend for fast inference, integrated real-time logging across environments, and deployed the app for scalable performance and reliability.

PROJECTS

AI-Powered Fake Account Detection
- **Tech Stack:** HTML, CSS, Python, Django, XGboost, NLP
- Developed a risk-centric Full stack app using Hybrid model to detect fraud social media accounts in real-time, providing explainable risk reports with SHAP.

Car Sales Prediction Model – Web-Based Forecasting App
- **Tech Stack:** Python, Flask, HTML, AWS EC2, AWS CodePipeline, Matplotlib, Seaborn
- Developed and deployed a full-stack web app on AWS for car sales forecasting using regression model, performing exploratory data analysis and trend visualization.

Learning Buddy - 24/7 Al Study Companion
- **Tech Stack:** Streamlit, Firebase, Mistral, NLP, RAG (Retrieval-Augmented Generation)
- Developed an AI-driven study companion that generates personalized quizzes and content using a Mistral model and a RAG architecture.

SKILLS

Languages & Concepts: Python, SQL, HTML, CSS, Object-Oriented Programming (OOP), Data Structures
Tools & Platforms: GitHub, VS Code, AWS, Google Colab, Jupyter Notebook, Claude, OpenAI

ACHIEVEMENTS

Winners – Cyber Security Category, International Hackathon (Data Vortex Sky Intellect, KL University, Oct 2025) Recognized for innovation in building AI-powered detection systems and technical excellence.

CERTIFICATES

- NPTEL - Python Programming ☒
- HarvardX (EDX) - Intro to Data Science ☒
- Oracle – OCI AI Foundations Associate ☒
- AWS Certified – AI practitioner ☒
- Infosys - Oracle SQL ☒