Ajanya K A

📞 +91 808932087 — ✉ ajanya.aju62@gmail.com — 💼 ajanya808 — 🐙 AJANYA-K-A — 🌐 Portfolio

Skills

Programming: Python, Java
Frontend: HTML, CSS, Streamlit
Backend: Hugging Face Transformers
Database: MongoDB
Core: OOPS, DBMS, Artificial Intelligence, Data Science, Machine Learning, NLP

Projects

Text Emotion Detection using RoBERTa Model
Python, Hugging Face Transformers, Streamlit — *Live*
- Developed an **LLM-based multi-label emotion detection system** using RoBERTa with an interactive Streamlit interface.

Sentiment Analysis on Amazon Alexa Reviews
Python, Machine Learning, Flask — *Live*
- Collaborated on backend logic, optimized UI workflows, and improved overall application performance.

Smart Car Parking System
IoT, Sensors — *Live*
- Built an **IoT-based smart parking solution** with real-time slot detection and AI-based optimization.

Smart Farming Crop Recommendation System
Python, Machine Learning, Flask — *Live*
- Implemented classification models and deployed the system using Flask for real-time agricultural insights.

Best Movies Mini Project
HTML — *Live*
- Designed a structured HTML webpage showcasing categorized movie lists using semantic tags and clean layout principles.

Internship

Data Analyst Intern – Unified Mentor   **Aug 2025 – Sep 2025**

- Performed data analysis to identify trends and meaningful patterns in datasets.
- Created visual reports and delivered **actionable insights** to support business decisions.

Full Stack Developer Intern – TAP Academy   **Dec 2025 – Jun 2026**

- Developing real-time applications using **Java full-stack development practices**.

Achievements

- **NPTEL Certified** – Data Analysis and Decision Making – I.

Education

Karunya Institute of Technology and Sciences   **2024 – 2026**
M.Sc Artificial Intelligence & Data Science — CGPA: 8.94   *Coimbatore, India*

NSS College Ottappalam   **2021 – 2024**
B.Sc Physics — CGPA: 7.15   *India*