

KRISHNAVENI AMMISSETTI

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OBJECTIVE

A highly motivated Computer Science (AI & ML) undergraduate with hands-on experience in machine learning, data analysis, and visualization. Eager to leverage technical and analytical expertise to solve complex business problems and contribute to customer-centric innovations in a collaborative environment.

EDUCATION

BTech in Computer Science(AI&ML), Nri Institute of technology ,Agiripalli 2022 - 2026
CGPA : 9.02/10

Intermediate (MPC), Andhra Loyola College 2020 - 2022
Percentage : 95%

SKILLS

Programming Languages	Python, HTML, CSS, JavaScript, OOPS, Java
Frameworks	NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, , Flask
Developer Tools	Power BI (DAX), Git & GitHub, VS Code, Google Colab, Docker, CI/CD
Cloud & Data Engineering	Google cloud, ETL Concepts, Data Warehousing
AI & Machine Learning	LLMs, Generative AI (GenAI), NLP,RAG, Prompt Engineering, Agentic AI
Database	MySQL
Soft Skills	Problem Solving , Strong Communication , Project Management

Academic Coursework & Certifications: Artificial Intelligence (Salesforce), Machine Learning with Python (IBM), Google Data Analytics Professional Certificate ([View here](#))

EXPERIENCE

INTERNSHIP Feb 2025 – April 2025
Infosys Springboard Internship – Data Science *Data Visualization*

- **Tech Stack:** Python, XGBoost, Random Forest, Pandas, Streamlit, Scikit-learn, Data Visualization, Model Deployment (.pkl), GitHub.
- Developed a dynamic e-commerce price prediction system using ML models to deliver real-time optimal pricing insights with 95% accuracy. ([View Demo](#))

PROJECTS

Astra – AI-Powered Mental Wellness Companion *GenAI Hackathon, Google Cloud & H2H Skills, 2025*
• **Tech Stack:** Google GenAI APIs, LLMs, NLP, Babylon.js, JavaScript, Python, Prompt Engineering, Flask, Cloud Deployment.

- Built a multilingual 3D-avatar-based mental wellness chatbot with real-time emotion understanding, providing secure and stigma-free 24×7 youth support. ([View repo](#))

AutoDocIQ – Intelligent Vehicle Document Assistant *AI Project, 2025*
• **Tech Stack:** Python, FAISS, Embeddings, RAG Pipeline, Perplexity API, LangChain, Vector Databases, Flask.

- Created an AI document assistant capable of processing 150+ PDFs with semantic search, achieving 92% accuracy and 1.8s response time. ([View repo](#))

ACHIEVEMENTS

- Secured 2nd place in Paper Presentation and 3rd place in Standards Writing Competition.
- **Patent & Publications :** Real-Time Fatigue Recognition System for Drivers using Image-Based CNN Models — Patent granted under InPASS ([No.40/2025](#)) . “Advancements in Driver Drowsiness Detection: A Comprehensive Review of Methodologies, Challenges, and Future Directions” — Review paper under evaluation in Transportation Research Part B (Elsevier, Q1, IF: 2.5).