

# 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

<b>Programming Languages</b>	Python, HTML, CSS, JavaScript, OOPS, Java
<b>Frameworks</b>	NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, , Flask
<b>Developer Tools</b>	Power BI (DAX), Git & GitHub, VS Code, Google Colab, Docker, CI/CD
<b>Cloud &amp; Data Engineering</b>	Google cloud, ETL Concepts, Data Warehousing
<b>AI &amp; Machine Learning</b>	LLMs, Generative AI (GenAI), NLP,RAG, Prompt Engineering, Agentic AI
<b>Database</b>	MySQL
<b>Soft Skills</b>	Problem Solving , Strong Communication , Project Management
<b>Academic Coursework &amp; Certifications:</b> Artificial Intelligence (Salesforce), Machine Learning with Python (IBM), Google Data Analytics Professional Certificate ( <a href="#">View here</a> )	

## 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).