Mohammad Kammar Ahmed

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

Professional Summary

Data Science student and aspiring Machine Learning Intern with expertise in the Python data stack (Scikit-learn, Pandas, NumPy). Experienced in building end-to-end predictive models, architecting RAG-based AI systems, and full-stack integration using React and Tailwind CSS. **Actively seeking internship opportunities** to apply statistical modeling and AI engineering skills to solve real-world business challenges within a professional development team.

Projects

RAG-Based ML Teaching Assistant | *Python, RAG, Whisper, Vector Search*   [GitHub](#)
- Architected a Retrieval-Augmented Generation (RAG) system using Whisper for STT and semantic similarity search to provide zero-hallucination answers with precise MM:SS timestamps from course video data.
- Developed an automated pipeline for audio extraction and timestamp-aware chunking, supporting both local (Ollama) and cloud (Perplexity) LLM orchestration.

Comprehensive Stroke Prediction System | *Python, Scikit-learn, Flask, ML Algorithms*   [Live Demo](#)
- Developed a production-ready medical diagnostic tool utilizing 7 ML algorithms (including XGBoost, CatBoost, and RandomForest) with SMOTE oversampling and Chi2 feature selection, supporting batch CSV processing and real-time interactive analytics via a responsive Flask web interface.

ArixAI Resume Analyzer | *React, Tailwind CSS, Node.js, PostgreSQL*   [Live Demo](#)
- Engineered a full-stack web application utilizing NLP and LLM APIs to conduct real-time skill gap analysis, featuring a modern dashboard styled with Tailwind CSS for seamless cross-device accessibility.

Technical Skills

Machine Learning: Classification, Regression, Ensemble Methods (RandomForest, XGBoost, CatBoost), RAG, LLM Orchestration, TensorFlow (Basics)
Data Science Tools: Scikit-learn, Pandas, NumPy, Power BI, Matplotlib, Seaborn, SMOTE, MinMax Scaling, Chi2 Feature Selection
Languages: Python, SQL (MySQL), Java, JavaScript, HTML, CSS
Developer Tools: Git, GitHub, IntelliJ IDEA, Tailwind CSS, Flask, React, Node.js, Linux, Shell Scripting
Core CS: Data Structures and Algorithms, DBMS, OOPs, Computer Networks, Cloud Computing

Education

CMR Technical Campus   Hyderabad, India
Bachelor of Technology in CSE (Data Science) — CGPA: 8.38   *2022 – 2026*

Leadership & Experience

General Secretary — Codeoholics Community   2024 – Present
CMR Technical Campus   *Hyderabad*
- Elected to lead the largest technical community on campus; commanded national-level hackathons with participation from 50+ different colleges.
- Orchestrated technical workshops like "Code to Cloud: AI Edition," delivering hands-on ML training to over 1,000 students.

Lead Organizer — Hack For Mini 2.0   2024
National Hackathon Management   *Online*
- Commanded the end-to-end execution of a national-level online hackathon, engaging over 1,300 student participants.
- Managed technical infrastructure and coordinated with cross-functional teams to ensure event stability during the 48-hour event.

Certifications

Google Cloud: Generative AI | Deloitte: Data Analytics | Salesforce: Agentforce Specialist