

Aravind Chowdary Kamani

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SUMMARY

Data Scientist & Product Engineer with 4 years of experience shipping production ML systems. Founder of Everoasis Technologies, launching 20+ mobile products (including Gita AI and Macro Tracker) serving 10M+ users. Expert in Generative AI (RAG, LLMs), Computer Vision, and scalable cloud pipelines (AWS/Azure).

EDUCATION

New Jersey Institute Of Technology

Newark, NJ

Masters in Data Science, Computational Track

Aug 2024 — Dec 2025

- GPA - 3.5/4.0. Coursework: Deep Learning, Machine Learning, AI, Applied Statistics, Big Data Analytics.
- Capstone Project: Built a decoder-only Transformer from scratch (replicating GPT2), implementing Multi-Head Self-Attention and Positional Encodings.

WORK EXPERIENCE

Everoasis Technologies Pvt Ltd | Founder & Lead AI Engineer

Feb 2023 — Present

- Founded and scaled a mobile app studio to 10M+ cumulative downloads across 20+ titles (including Macro Tracker and HabitFox), maintaining a 4.5/5.0 average rating.
- Built and deployed Macro Tracker (CalorieKit), integrating a custom LLM-based nutrition engine and USDA database APIs to improve calorie estimation accuracy by 86% compared to standard regex methods.
- Architected a high-concurrency backend on AWS (Docker, Flask, PostgreSQL) handling thousands of DAUs with low latency.
- Developed Grammar Checker AI and TinyVideo (compression tool), leveraging TensorFlow Lite and FFmpeg for efficient on-device processing, reducing server costs by 40%.
- Led end-to-end development from system design and A/B testing to deployment on App Store/Play Store, optimizing user retention and monetization strategies.

PROJECTS

Financial Analysis Agent, (<https://github.com/kamaravichow/personal-accountant-rag>)

Jan 2026 — Jan 2026

- Built a Retrieval-Augmented Generation (RAG) pipeline to analyze SEC 10-K filings, enabling users to query complex financial data with natural language.
- Implemented semantic search using vector embeddings (FAISS) and LangChain to retrieve relevant context, reducing research time for fundamental analysis by 90%.
- Designed a gradio interface for real-time interaction, visualizing stock trends alongside AI-generated investment summaries.

SARR, AI Customer Support Agent (github.com/kamaravichow/SARR)

Nov 2025 — Dec 2025

- Developed an automated feedback loop that scrapes user reviews from App Store/Play Store and generates context-aware responses using OpenAI GPT-4.
- Engineered prompt templates to handle sentiment analysis (identifying bugs vs. feature requests), automatically drafting ticket creation for negative reviews.
- Deployed as a microservice, saving approximately 15 hours/week of manual customer support time for a portfolio of 20+ apps.

HRV Stress Prediction (github.com/kamaravichow/hrv-stress-prediction-model)

Nov 2020 — Mar 2021

- Architected a CNN-LSTM model to detect psychological stress from HRV time-series, achieving 92% validation accuracy.
- Built a preprocessing pipeline for noise/artifact removal from raw sensor data using digital signal processing.
- Benchmarked against Random Forest/SVM, demonstrating a 15% improvement in recall for high-stress events.

CERTIFICATIONS

Machine Learning Specialization, Stanford University (www.coursera.org/account/accomplishments/specialization/DFEF23XB2871)

Nov 2025

- Mastered supervised and unsupervised learning techniques, building production-ready models using TensorFlow and Scikit-learn.
- Implemented deep reinforcement learning, recommender systems, and ensemble methods for multi-class classification tasks.