

Arvinth Cinmayan G K

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SUMMARY

Computer Science undergraduate with strong **AI/ML fundamentals, programming skills in Python**, and passion for building **AI-powered enterprise solutions**. Experienced in **machine learning model development, data preparation, feature engineering, and prompt experimentation**. Skilled in **APIs, cloud platforms, and data visualization**. Seeking an **AI Engineer Intern** role at **Cloudbyz** to contribute to GenAI use cases in clinical research and regulated environments.

EDUCATION

Manipal Institute of Technology

Bachelor of Technology in Computer Science and Engineering (AI)
CGPA: 8.2

Aug 2023 – May 2027

Bangalore, KA

Paavai Vidhyashram (CBSE)

Class XII – 87%, Class X – 95%

2021 – 2023

Namakkal, Tamil Nadu

AI & SOFTWARE DEVELOPMENT EXPERIENCE

ML Model Development Project

Sep 2025 – Dec 2025

- Built and tested ML models using Python, Scikit-learn, and Pandas for classification tasks
- Performed data preparation, labeling, and feature engineering to improve model accuracy
- Evaluated model performance using metrics such as precision, recall, and F1-score
- Documented experiments and results for reproducibility and team collaboration

Generative AI Workflow Experimentation

Jan 2026 – Present

- Experimented with prompt engineering, embeddings, and retrieval techniques for GenAI use cases
- Developed prototypes for document summarization and classification using LLM APIs
- Integrated LLMs into backend services via REST APIs for testing and validation
- Supported Human-in-the-Loop workflows to ensure AI safety and explainability

Automotive Software Simulation Project

Aug 2025 – Oct 2025

- Developed simulation modules using C++ and Python, applying data structures for real-time processing
- Collaborated with cross-functional teams to integrate simulation results into design decisions
- Documented technical processes, designs, and test cases for knowledge transfer

SKILLS

Programming: Python, C++, Java, SQL

AI/ML: Scikit-learn, Pandas, NumPy, TensorFlow (beginner), Feature Engineering, Model Evaluation

Generative AI: Prompt Engineering, LLM APIs, Document Summarization, Classification, Retrieval-Augmented Generation (RAG)

Engineering Tools: Git/GitHub, Docker, REST APIs, CI/CD basics

Cloud Platforms: Familiarity with Google Vertex AI, AWS Bedrock

Soft Skills: Analytical Thinking, Problem-Solving, Curiosity, Clear Communication, Team Collaboration