

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 <i>Bachelor of Technology in Computer Science and Engineering (AI)</i> CGPA: 8.2	Aug 2023 – May 2027 Bangalore, KA
Paavai Vidhyashram (CBSE) <i>Class XII – 87%, Class X – 95%</i>	2021 – 2023 Namakkal, Tamil Nadu

AI & SOFTWARE DEVELOPMENT EXPERIENCE

ML Model Development Project	Sep 2025 – Dec 2025
<ul style="list-style-type: none">Built and tested ML models using Python, Scikit-learn, and Pandas for classification tasksPerformed data preparation, labeling, and feature engineering to improve model accuracyEvaluated model performance using metrics such as precision, recall, and F1-scoreDocumented experiments and results for reproducibility and team collaboration	
Generative AI Workflow Experimentation	Jan 2026 – Present
<ul style="list-style-type: none">Experimented with prompt engineering, embeddings, and retrieval techniques for GenAI use casesDeveloped prototypes for document summarization and classification using LLM APIsIntegrated LLMs into backend services via REST APIs for testing and validationSupported Human-in-the-Loop workflows to ensure AI safety and explainability	
Automotive Software Simulation Project	Aug 2025 – Oct 2025
<ul style="list-style-type: none">Developed simulation modules using C++ and Python, applying data structures for real-time processingCollaborated with cross-functional teams to integrate simulation results into design decisionsDocumented 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