MUKUNTHAN P

Erode, Tamil Nadu, India

📞 +91-8778966374 ✉ pmukunthan04@gmail.com 🔗 Mukunthan ⚫ MukunthanPeriyasamy

PROFESSIONAL SUMMARY

AI Developer at CubeAISolutions specializing in building production-ready AI solutions and intelligent applications. Proficient in Python, SQL, and cutting-edge AI technologies including Model Context Protocol (MCP), Large Language Models (LLMs), and Retrieval-Augmented Generation (RAG). Demonstrated expertise in developing intelligent agents using Google ADK, optimizing data pipelines with Pandas, and creating scalable AI architectures. Passionate about leveraging advanced machine learning frameworks to solve complex problems and deliver data-driven solutions that bridge technology and real-world applications.

EXPERIENCE

AI Developer   **July 2025 – January 2026**
CubeAISolutions Tech Pvt Ltd   *Namakkal, Tamil Nadu, India*

- Developing and deploying production-grade AI solutions leveraging Google Agent Development Kit (ADK), Model Context Protocol (MCP), and advanced LLM frameworks for enterprise clients
- Building intelligent agent systems and RAG-based architectures to enable contextual information retrieval, natural language understanding, and automated decision-making capabilities
- Implementing end-to-end machine learning pipelines including data preprocessing, model training, evaluation, and deployment using industry best practices

EDUCATION

Erode Sengunthar Engineering College   **August 2022 – May 2026**
Bachelor of Technology in Artificial Intelligence and Data Science   *CGPA: 8.0/10.0*

URC Palaniammal Matric Higher Secondary School   **June 2021 – May 2022**
Higher Secondary Certificate (HSC) - Computer Science   *Percentage: 81%*

TECHNICAL SKILLS

Programming Languages: Python, SQL, Dart
AI/ML Frameworks: PyTorch, Langchain,Scikit-learn, HuggingFace Transformers
AI Technologies: Large Language Models (LLMs), Model Context Protocol (MCP), Retrieval-Augmented Generation (RAG), Natural Language Processing, Prompt Engineering
Data Analysis & Databases: Pandas, NumPy, MySQL, PostgreSQL, Power BI, Excel
Development Tools: Docker, Git, VS Code, Antigravity
Cloud & Platforms: Google Cloud
Soft Skills: Leadership, Team Collaboration, Problem Solving, Time Management, Technical Communication

PROJECTS

ResumeAI - AI-Powered Resume Analyzer | GitHub   **December 2025**

- Developed an intelligent resume analysis system leveraging Large Language Models to provide comprehensive feedback on resume quality, structure, formatting, and ATS compatibility
- Implemented advanced NLP techniques to extract key information, identify skill gaps, analyze keyword optimization, and generate personalized recommendations for career advancement

AI Data Analyst - AI Powered Data Analyst | GitHub   **December 2025**

- Integrated multiple data processing libraries (Pandas, NumPy) with LLM reasoning capabilities to perform automated feature engineering, anomaly detection, and trend analysis.Serves as a proof-of-concept MVP, forming the foundation for a future production-ready AI data analyst.
- Implemented natural language query interface allowing users to ask questions about datasets and receive comprehensive analyses, visualizations, and statistical summaries in real-time

CERTIFICATIONS

HackerRank SQL (Intermediate): Advanced SQL query optimization and database design
HackerRank SQL (Basics): Core SQL operations and data manipulation
Deloitte Australia - Data Analytics Job Simulation: Real-world data analytics and business intelligence
Python for Data Science - Infosys: Python programming fundamentals and data structures
Introduction to Data Analyst - Coursera: Data ecosystem, ETL processes, and big data fundamentals