Sanghvi C

AI ML Developer, 10+ years experience
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Experienced AI / ML Engineer with 10+ years of expertise in building scalable AI-driven applications, machine learning solutions, and cloud-native data platforms. Skilled in Python, Azure ML, AutoML, Microsoft Fabric, Scikit-learn, Prophet, Power BI, and REST API development. Strong experience in predictive analytics, intelligent data systems, ETL pipelines, and AI orchestration using OpenAI, Claude, and RAG-based architectures. Proven ability to design, deploy, and optimize production-ready ML workflows and analytics solutions across Azure, AWS, and GCP environments.

INDUSTRIES: Artificial Intelligence, FinTech, Data Analytics, FMCG

TECHNICAL SKILLS

• Python	10 years
• REST APIs	8 years
• SQL	8 years
• Fast API	5 years
• AWS	5 years
• Scikit learn	3 years & 1 months
• Pandas	3 years
• Azure ML	3 years
• Auto ML	2 years
• Microsoft Fabric	2 years
• Azure	2 years
• Claude	2 years
• POWER BI	2 years
• Prophet	1 years

SOFT SKILLS

Problem Solving, Analytical Thinking, Communication, Team Collaboration, Stakeholder Management, Solution Architecture, Requirement Gathering, Technical Leadership

PROJECT DETAILS

- AI-Powered Data Analyst System

Project Description: Developed an AI-powered analytics platform capable of processing structured and semi-structured data using machine learning and Large Language Models. The system enabled natural language querying, predictive insights, and business reporting through intelligent AI workflows and dashboards.
Responsibilities: * Developed ML and AI workflows using Python and Azure ML. * Built backend APIs and transformation layers for analytics-ready data. * Implemented natural language query processing workflows. * Created business dashboards and reporting insights using Power BI. * Optimized AI responses and data processing pipelines.
Technologies: Python, Azure ML, OpenAI API, FastAPI, Pandas, REST APIs, Power BI
Industry: Artificial Intelligence

• Stock Insights & Analytics Hub

Project Description: Built an AI-powered stock intelligence and forecasting platform that extracted financial articles, generated contextual summaries, and delivered predictive analytics using machine learning and forecasting models.
Responsibilities: * Developed forecasting models using Prophet. * Implemented RAG-based retrieval pipelines. * Improved contextual accuracy using semantic retrieval techniques. * Built backend APIs and AI integrations. * Optimized predictive analytics workflows.
Technologies: Python, Prophet, Amazon Bedrock, RAG Architecture, FastAPI, Scikit-learn
Industry: FinTech

• Casino AI Analytics System

Project Description: Developed a cloud-based analytics and AI-powered Q&A system for casino behavioral insights using machine learning models, RAG architecture, and intelligent analytics workflows.
Responsibilities: * Built scalable cloud data pipelines. * Designed AI-powered analytics workflows. * Integrated Claude LLM for business intelligence querying. * Worked on predictive analytics and reporting systems. * Ensured secure and compliant data processing systems.
Technologies: Python, Claude LLM, RAG, Azure ML, REST APIs, Cloud Pipelines
Industry: Data Analytics

• FMCG Data Pipeline Optimizer

Project Description: Built intelligent cloud-based ETL and analytics pipelines for FMCG data processing and optimization using Azure services.
Responsibilities: * Developed Azure ADF pipelines and Functions. * Optimized execution time and infrastructure costs. * Managed ETL workflows and cloud integrations. * Improved data processing performance and reliability. * Built reporting dashboards and business analytics visualizations using Power BI.
Technologies: Microsoft Fabric, Azure ADF, Azure Functions, Python, ETL Pipelines, Power BI
Industry: FMCG

• AI Chatbot & IoT Analytics Platform

Project Description: Developed an AI chatbot and IoT analytics platform for automation and intelligent data processing using cloud-native backend systems.
Responsibilities: * Developed REST APIs using Flask. * Built chatbot automation workflows using Rasa. * Integrated IoT analytics pipelines using AWS Lambda. * Managed backend architecture and cloud integrations. * Implemented analytics and reporting workflows for IoT data insights. * Worked on scalable cloud-native AI integrations.
Technologies: Python, Flask, AWS Lambda, REST APIs, Rasa
Industry: Artificial Intelligence

EMPLOYMENT HISTORY

• AI ML Developer January-2018 - May-2026

Description: Developed and deployed AI/ML solutions using Python, Scikit-learn, Azure ML, and AutoML. Built predictive analytics and forecasting models for business insights and decision-making. Designed and optimized end-to-end data pipelines using Azure services and Microsoft Fabric. Worked on data transformation, ETL processing, and large-scale analytics workflows. Developed REST APIs and backend systems using FastAPI, Flask, and Django. Built and integrated LLM-powered applications using OpenAI, Claude, and Amazon Bedrock. Designed RAG-based intelligent data systems and AI-driven Q&A platforms. Created dashboards and reporting solutions for analytics and business stakeholders. Deployed scalable cloud-native applications across Azure, AWS, and GCP environments. Collaborated with cross-functional teams to deliver production-ready AI and analytics solutions.

CERTIFICATION

- Snowflake SnowPro Core Certified by Snowflake 2023
- Microsoft Certified: Azure Data Engineer Associate (DP-203) by Microsoft 2023

EDUCATION

- Masters degree in Information & Communication Technology (ICT) from DA-IICT 2014 - 2016
- Bachelors degree in Computer Applications from Veer Narmad South Gujarat University 2011 - 2014

LANGUAGES

- English - advanced

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