Dhanuri A

MLOPS Engineer, 6+ years experience
Bangalore, India
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Data-driven AI and Machine Learning professional with over 7 years of experience in Azure AI, GenAI, machine learning, and data science. Proven expertise in developing scalable AI solutions, automating workflows with CI/CD pipelines, and delivering actionable insights through advanced analytics. Skilled in Python, SQL, and Azure tools, with a track record of optimizing fraud detection systems, cost management dashboards, and predictive models. Adept at mentoring teams and collaborating cross-functionally to drive business impact.

INDUSTRIES: Banking, IT services

TECHNICAL SKILLS

• Data Science	2 years & 1 months
• Machine Learning	1 years & 5 months
• Azure AI services	1 years & 2 months
• Azure Machine learning	1 years & 1 months
• MLOPS	5 months

SOFT SKILLS

Leadership, Strategic thinking

PROJECT DETAILS

• Fraud Detection System — November-2022 - February-2024

Project Description: Developed machine learning models to detect ATM and EFT fraud, achieving 90% accuracy. Defined anomaly detection rules for ATM withdrawals and card activity, reducing false positives by 25%. Deployed models using Docker and CI/CD pipelines, ensuring scalability and reliability.
Responsibilities: Designed fraud detection systems using supervised classification models, achieving 90% accuracy in identifying ATM and EFT fraud. Implemented CI/CD pipelines and Docker containerization, enabling scalable deployment of fraud detection models. Built Flask-based web services, integrating fraud detection functionalities with a user-friendly interface for real-time monitoring.
Technologies: Machine learning
Industry: Banking

• Cost and Usage Dashboards — February-2025 - April-2025

Project Description: Built Splunk dashboards to monitor Azure AI resource consumption, improving cost visibility for stakeholders. Automated data pipelines using CI/CD, exporting cost data to Azure Blob Storage and integrating with Splunk for real-time insights. Set up 80% threshold alerts via Azure Action Groups, reducing cost overruns by 30%.
Responsibilities: Developed Cost and Usage Dashboards in Splunk to monitor Azure AI resource consumption, improving stakeholder visibility by 40%. Automated cost management workflows using CI/CD pipelines, scheduling daily exports to Azure Storage Accounts and integrating with Splunk for real-time analytics. Configured budget alerts at an 80% threshold via Azure Action Groups, reducing over-expenditure risks by notifying users through emails, webhooks, and Microsoft Teams. Served as Agile Team Lead for a team of 15 engineers, overseeing sprint planning, daily stand-ups, and retrospectives using Jira to manage tasks and track project progress.
Technologies: Azure
Industry: IT services

EMPLOYMENT HISTORY

• MLOPS Engineer

Description: • Developed Cost and Usage Dashboards in Splunk to monitor Azure AI resource consumption, improving stakeholder visibility by 40%. • Automated cost management workflows using CI/CD pipelines, scheduling daily exports to Azure Storage Accounts and integrating with Splunk for real-time analytics. • Configured budget alerts at an 80% threshold via Azure Action Groups, reducing over-expenditure risks by notifying users through emails, webhooks, and Microsoft Teams. • Served as Agile Team Lead for a team of 15 engineers, overseeing sprint planning, daily stand-ups, and retrospectives using Jira to manage tasks and track project progress.

• Partner Technical Advisor March-2024 - January-2025

TEKSystems

Description: • Led triage meetings for 30+ engineers, resolving complex AI issues and improving resolution time by 25%. • Mentored 20 engineers, enhancing team productivity through technical guidance and escalation support. • Deployed AI solutions like GPT-4 and Meta Llama models, optimizing performance for enterprise clients. • Automated machine learning workflows with Azure ML pipelines, boosting efficiency by 30%.

EDUCATION

• Bachelors degree in Computer Science and Engineering from CMR Technical Campus 2012 - 2016

LANGUAGES

• English - advanced

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