

Muhammed Shazin C. M

Data Science and Artificial Intelligence Engineering - IIT Guwahati | Founder/Developer - Kognition
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Professional Summary

Aspiring data scientist with proven expertise in transforming business operations through data science, AI integration, and advanced analytics. Founder of Kognition, AI-native business intelligence software for UAE businesses that replaces the need to hire a dedicated data analyst. A Data Science & AI Engineering undergraduate at IIT Guwahati. Specialized in building end-to-end solutions from machine learning models and RAG implementations to interactive Power BI dashboards and React applications that deliver measurable efficiency gains across enterprise workflows. Leverage cutting-edge AI tools to solve real-world problems, having executed institutional and independent projects spanning tourism, real estate, business setup, and healthcare sectors throughout the UAE. Known for rapid skill acquisition and translating complex data narratives into actionable stakeholder insights that accelerate growth.

Education

Bachelor of Science (Hons.) Data Science and Artificial Intelligence Engineering
Indian Institute of Technology, Guwahati, India

Computer Science (Junior College)
St. Michael's Anglo Indian Higher Secondary, Kerala, India

Projects

Founder/Developer - Kognition, United Arab Emirates

- Created and executed a massive startup project dedicating over an year's period of assembly. Kognition, is an AI-native business intelligence software for businesses in the U.A.E (currently) providing automated revenue briefs directly to WhatsApp, anomaly alerts, forecasts, business suggestions, all in place of a dedicated data analyst, especially on to growing businesses that needs the technology for business decisions instead of having to hire one.
- Plain-language summaries of revenue, anomalies worth a second look, and short-term forecasts, generated in both English and Arabic by an LLM-driven pipeline built entirely in Python. Underneath sits the full stack, data ingestion, KPI computation, anomaly detection, and forecasting logic, engineered and shipped from first architecture decision through production deployment. The platform is now live across six industries, F&B, clinics, retail, real estate, construction, and transport, in its earliest commercial phase, onboarding its first clients.

Built and deployed Retrieval-Augmented Generation (RAG) Chatbot on Oracle OCI

A domain specific AI Chatbot using Oracle cloud infrastructure during the progress of OCI Generative AI certification. Implemented a RAG pipeline incorporating document ingestion, vector embeddings and similarity search. Developed Python based backend services with REST APIs to enable reliable model inference and query handling.

Remote Project Intern - Data Science and Visualization MS Power BI, Skill Vertex, Bangalore

Gained hands-on expertise in data storytelling, created interactive dashboards and visual reports using tools like Power BI & Matplotlib. Recognized for proactive communication by the tech team.

AI Image Generator Web App (Self Directed Project)

Built a production-ready AI image generation web application using Python, Streamlit, and OpenAI DALL-E 3 API.

Enabled real-time image generation from natural language prompts with secure API handling.

Freelance Tech and Data, Videography, UAE Startups

Websites, data preprocessing, Power BI reporting, and brand content (AdobeExpress, Canva) for early stage clients.

Experience

Data Management Specialist (Contract) - NG9 Holding, Abu Dhabi (Oct 2025 - Mar 2026)

- Orchestrated comprehensive data operations for the prestigious Sheikh Zayed Festival in Abu Dhabi as part of an elite 6-member team under NG9, the parent company of Nirvana, managing one of the UAE's most celebrated cultural events with thousands of attendees
- Engineered end-to-end data workflows encompassing client documentation, system integrations, and automated report generation to streamline festival operations and enable real-time decision-making
- Delivered cutting-edge business intelligence frameworks that empowered stakeholders to make data-informed decisions during one of Abu Dhabi's largest cultural showcases, directly contributing to operational excellence.

Data Engineering Intern, Al Smeha Transports, Abu Dhabi (Sep 2024 - Feb 2025)

- Engineered and managed data workflows across cloud environments and diverse databases performing data extraction, ETL/ELT, cleansing, transformation, validation and integration to build reliable datasets for advanced analytics and machine learning.
- Supported data-driven decision-making by developing analytical datasets and dashboards using BI and tableau, enabling teams to derive actionable insights and improve operational performance through data.

Clinical Data Associate (Part-Time) - NMC Health Care, Abu Dhabi (Mar 2022 - Oct 2022)

- Processed and validated 10,000+ patient records using data quality frameworks, achieving 99% accuracy rate.
- Applied systematic error-detection and validation protocols to resolve data discrepancies and maintain database integrity, working directly with clinical staff.
- Recognized for quick learning and cross working among colleagues.

Technical Skills

Programming & Data Science: Python, SQL, Pandas, NumPy, Statistical Analysis, Data Cleaning, Data Wrangling, Exploratory Data Analysis (EDA), Machine Learning, Data Visualization

AI & Generative AI: Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), Prompt Engineering, Agentic AI, AI Workflow Automation, Vector Search, Embedding Models, LLM Orchestration, OpenAI API, Claude API

Business Intelligence & Analytics: Microsoft Power BI, Advanced Excel, Dashboard Development, KPI Reporting, Data Storytelling, Forecasting, Anomaly Detection, Automated Reporting

Cloud & Engineering: Oracle Cloud Infrastructure (OCI), AWS, Microsoft 365, Google Cloud Platform, REST APIs, Git/GitHub, CI/CD, MLOps, Model Deployment

Web Development: React, Streamlit, HTML5, CSS3, JavaScript, API Integration

Important Certifications

- Machine Learning Specialization - Stanford and DeepLearning.AI
- Trustworthy Generative AI - Vanderbilt University Coursera
- Certified Python Programmer - IPCS Global Cochin

- Cloud Computing with AWS - Engineer Core and IIIT Allahabad's Summer Internship
- Masterclass on Microsoft Excel Dashboards and Data Analysis - Udemy
- Oracle Cloud Infrastructure (OCI) Generative AI Professional - Race to Certification Program OCI
- Microsoft Power BI Coursework - Office Masters
- PL-300 Microsoft Power BI Data Analyst Associate Certification - In Progress
- Google Professional Machine Learning Engineer - In Progress
- Programming with Generative AI and Copilot - IIT Guwahati
- Claude 101 with AI Fluency and Frameworks - Anthropic Academy
- SQL Developer - Infosys Spring Board
- Building Machine Learning Solutions using Azure Databricks - Microsoft

Technical Highlights

- 5+ AI and Data Projects
- Multi-cloud experience (OCI, AWS, Azure & GCP)
- National-Scale Event Data Operations
- Founder of AI-native BI Startup
- Experience across 6+ business domains
- Enterprise BI and Analytics Solution
- 10+ Professional Certifications and Programs
- Production Ready AI and RAG Applications