Amrik Roy

Tehatta Kalitala Para, Nadia, 741160, West Bengal | +91-8617707216 | amrikroy2999@gmail.com | www.linkedin.com/amikroy

Professional Summary

Results-driven Fraud Risk & Data Analyst with over 3 years of experience in the FinTech industry, specializing in SQL development, fraud detection, real time transaction monitoring, and KYC/AML compliance. Skilled in analyzing large-scale transactional datasets, learning customer behavior patterns, and generating actionable fraud insights. Proven expertise in rule-based scoring systems used in banks to prevent financial fraud, using MySQL/MSSQL for querying and pattern analysis. Adept at screening suspicious profiles, verifying KYC records, and ensuring operational resilience across financial systems.

Professional Experience (3 Years)

FIS | APR 2024 – PRESENT
Operations Analyst (Fraud and Risk Data Analyst)

- **Real-Time Transaction Monitoring:** Monitored digital transactions across payment channels in real time using Memento, identifying anomalies through pattern deviation and rule-based scoring.
- **Data Analysis for Fraud & Risk Detection:** Experienced in analyzing large datasets from digital banking channels to detect suspicious patterns, develop advanced fraud detection rules, and deliver actionable insights to clients. Skilled in using MSSQL Server and MySQL Workbench for efficient data retrieval, query optimization, and rule development across UAT and production environments.
- **AML/KYC & Financial Crime Analysis:** Experienced in supporting AML compliance processes, including Customer Due Diligence (CDD) and Enhanced Due Diligence (EDD) by validating customer identities, risk profiles, and sources of funds during onboarding. Proficient in assisting with Suspicious Activity Reporting (SAR) through data extraction and analysis of unusual transaction patterns. Skilled in conducting AML risk assessments using data analytics to evaluate customer and transaction risk, and in performing sanctions and PEP screening by leveraging SQL to extract and review data against regulatory watchlists.
- **AML/KYC Risk Management:** Screening customer profiles using fraud scores, analyzing transaction patterns, identifying key insights, and implementing preventive measures to mitigate future risks or fraud that could impact customers.
- **Data Center Infra Knowledge:** Experienced in data center infrastructure and virtual machine administration, including conducting DR drills, performing data migration via Log Shipping, and managing connectivity during failovers. Proficient in VMware tools, vSphere Client, ESXi firmware upgrades, and basic diagnostics using Dell iDRAC, with hands-on L1 troubleshooting skills.

SPANIDEA SYSTEMS PRIVATE LTD • OCT 2023 – APR 2024
Production Implementation Engineer (Under FIS Global – Client UCO Bank)

- **EFRMS** (Enterprise Fraud Risk Management System).
- **Data Reporting & Fraud Monitoring:** Generated detailed reports of banking transactions and ensured accuracy in daily operations, monitoring alerts for potential transaction risks.

WIPRO • DEC 2021 – DEC 2022
Project Engineer (Citi-Bank Infra MQ Support)

- **Change management:** Managed PROD/UAT/DEV/SIT environment incidents globally, ensuring timely resolution within the SLA.
- **Database Support:** Provided technical support across PROD/UAT/DEV/SIT environments,

troubleshooting SQL queries and resolving over 100 daily incidents involving IBM MQ and MySQL.
- **Incident Management:** Led incident investigation and resolution efforts, including root cause analysis (RCA) and system restoration, across more than 1200 global servers.

AMAZON DEVELOPMENT CENTER • AUG 2020 – JULY 2021
Customer Associate

- Received RAP and CHT recognition for efficient issue handling and positive customer responses.
- Provided support to the Amazon Prime Video Support team for non-technical queries. Cross-skilled in serving North American customers in both voice and non-voice processes.

Technical Skills

- **Database Management:** SQL, MySQL, MSSQL Server, Query Extraction.
- **Fraud Risk Analysis:** AML/KYC Screening, Fraud Score Analysis, Fraud Alert Review, Data Set Analysis, SAR, Transaction Monitoring(Memento).
- **Infrastructure Support:** VMware vSphere, VMware ESXi, Dell iDRAC, Disaster Recovery (Log Shipping).
- **IT Operations & Support:** ServiceNow Ticketing, Incident & Change Management, Middleware Tools (Rabbit MQ)
- **Data Analysis & Reporting:** Data Retrieval, SQL Joins, Excel Dashboard, Advanced Querying, Postman (UAT Testing).

Key Highlights

- ✓ 3+ years of experience in FinTech, database support, and IT infrastructure.
- ✓ Skilled in AML/KYC processes, fraud detection, and risk mitigation through effective data analysis and pattern recognition.
- ✓ Proficient in developing optimized SQL queries to support compliance investigations, transaction monitoring, and suspicious activity reporting (SAR).
- ✓ Strong analytical and problem-solving skills in managing large datasets, ensuring data integrity, and supporting regulatory compliance in financial environments.

Education

B.TECH | EIE | AUGUST 2020
Narula Institute of Technology, Kolkata
Grade • 8.32 / 10

HIGH SCHOOL | PCM | APRIL 2016
Jawahar Navodaya Vidyalaya, Birbhum
Grade • 80%

Certifications & Projects

- SQL HackerRank: Basic & Intermediate
- Database Structures and Management with MySQL: Coursera
- Microsoft SQL Server 2022 Essential Training : LinkedIn