



K M Naimuddin

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PROFESSIONAL SUMMARY

Data Analyst with nearly two years' experience delivering analysis and reporting for financial-sector clients in a regulated AML and KYC environment. Writes SQL against high-volume transactional datasets, handles the cleaning and wrangling that precedes it, and builds Power BI dashboards that turn raw operational data into something compliance and management teams can act on. Works across the whole reporting cycle — extraction and validation, trend and exception analysis, KPI tracking, visualisation, and presenting the result to stakeholders. Computer Science and Engineering graduate with applied machine learning research experience.

EDUCATION

BSc in Computer Science and Engineering

[Feb 2019 – Feb 2024]

Premier University, Chattogram, Bangladesh

CGPA: 3.39 / 4.00 — enrolled Spring 2019, final results published 20 February 2024. Duration extended by nationwide COVID-19 university closures.

Core coursework: Machine Learning, Computer Vision, Statistics, Data Structures and Algorithms, Database Systems, Software Engineering.

WORK EXPERIENCE

Data Analyst — Management Analytics and Research Solutions

[Jan 2025 – Present]

ServiceEngine Limited (SEBPO), Dhaka, Bangladesh — financial-sector compliance analytics

- Analyse high-volume customer and transaction datasets for financial-sector clients, writing SQL queries and performing data cleaning and wrangling to prepare approximately 300 records per day for compliance review.
- Perform trend and exception analysis across transaction monitoring alerts, identifying suspicious activity patterns and false-positive drivers that inform screening thresholds and reduce repeat escalations by 18%.
- Build and maintain Power BI dashboards and recurring KPI reports covering case volume, turnaround time and quality metrics, used daily by client compliance teams and internal management.
- Reconcile customer identity records across multiple partially matched source databases, resolving data-quality conflicts and documenting defensible determinations for audit and regulatory review.
- Present analytical findings and escalation summaries to stakeholders including client compliance officers and team leads, translating technical detail into clear, actionable recommendations.
- Execute KYC, CIP and sanctions screening workflows, including PEP and adverse media checks, sustaining a 98% quality-assurance accuracy rating across 10,000+ cases reviewed.

Data Analyst Intern

[Oct 2024 – Dec 2024]

ServiceEngine Limited (SEBPO), Dhaka, Bangladesh

- Extracted, cleaned and validated customer datasets supporting KYC screening workflows, processing approximately 1,200 records per week.
- Produced daily and weekly reports on screening throughput and data-quality exceptions for team leads.
- Retained as a full-time Data Analyst on completion of the internship.

RESEARCH

Computer Vision Based Road Accident Classification from Traffic Surveillance

[2023 – 2024]

Undergraduate thesis — Premier University, Dept. of CSE, Chattogram, Bangladesh — under review

- Developed a hybrid MobileNetV2 and Bi-LSTM deep learning framework for automated road accident classification from CCTV footage, achieving 97% classification accuracy.
- Built and labelled a dataset of approximately 18,000 video frames from real-world traffic surveillance recordings; diagnosed and corrected a daylight sampling bias suppressing low-light performance.

Tech: Python · TensorFlow · Keras · OpenCV · NumPy · Scikit-Learn

PROJECTS

Autonomous Traffic Sign Recognition System

[kaggle.com/kmnaimuddin]

Python, TensorFlow, NumPy, Scikit-Learn, Seaborn

- Trained a Convolutional Neural Network for multiclass traffic sign classification, reaching 95% accuracy through image preprocessing, data augmentation and hyperparameter tuning; evaluated performance using confusion matrices and classification metrics.

Bank Loan Insights Analysis

[github.com/KMNaim]

SQL, Power BI, DAX, Excel

- Designed SQL-based analytical pipelines and interactive Power BI dashboards for loan portfolio risk analysis, tracking approval rates, default exposure and portfolio performance KPIs.
- Automated the recurring reporting workflow, replacing manual spreadsheet consolidation.

PUAIS — Academic Information System, Enrollment Module

[github.com/KMNaim/PUAIS]

PHP (Laravel), JavaScript, MySQL

- Built the course enrollment module for the Premier University Academic Information System, with automated validation of credit-limit and section-capacity constraints, real-time notifications and faculty override support.

TECHNICAL SKILLS

Programming & Query	SQL, Python, C, C++, PHP (Laravel), JavaScript, REST API, OOP
Data Analysis	Data Cleaning & Wrangling, Exploratory Data Analysis, Trend & Insight Analysis, Statistical Analysis, Pandas, NumPy, Scikit-Learn
BI & Visualisation	Power BI, DAX, Tableau, Excel (PivotTables, Power Query), Dashboard Development, KPI & Stakeholder Reporting, Data Storytelling
Databases & Pipelines	MySQL, Microsoft SQL Server, SSMS, ETL, Data Modelling, Reporting Automation
Machine Learning	TensorFlow, Keras, OpenCV, Deep Learning, Computer Vision
Tools & Platforms	Git, GitHub, Docker, Jupyter Notebook, VS Code, PyCharm, Microsoft Azure, AWS
Domain Knowledge	AML, KYC, CIP, Transaction Monitoring, Sanctions & PEP Screening, Adverse Media Analysis, Regulatory Compliance Reporting, Risk Assessment

CERTIFICATIONS

Data & Analytics	Google Data Analytics (Commonwealth Scholarship Program); Data Analysis & Visualization with Power BI (Microsoft); SQL for Data Science (UC Davis); Codebasics Data Analytics Bootcamp 3.0
ML, Cloud & Development	Machine Learning Specialization (Stanford Online); Azure ML for Data Scientists (Microsoft); AWS Academy Cloud Foundations (AWS Academy); PHP with Laravel (BASIS Institute of Technology & Management)

LANGUAGE SKILLS

Bengali	Native
English	IELTS Academic — Overall 6.0 (Listening 6.0, Reading 6.0, Writing 6.0, Speaking 5.5); Professional English Communication Skill — WSDA, Grade A+
German	A1 (in progress) — self-study

ACTIVITIES & LEADERSHIP

IEEE	Vice-Chair, Premier University Student Branch (Feb 2023 – Feb 2024); Member, no. 99076130
University clubs	General Secretary, Computer Club; Technical Head, Robotics Club — Premier University
Events & volunteering	Organizer, Bangladesh Olympiad in Informatics 2022 and 2023 and Premier University IT Fest; Member, Leo Club of Chittagong Karnaphuli

REFERENCES

Prof. Dr. Shahid Md. Asif Iqbal

Undergraduate thesis supervisor

Professor, Dept. of CSE; Associate Dean, Faculty of Engineering | Premier University, Chattogram | asif.iqbal@puc.ac.bd

Tusar Karmoker

Current line manager

Assistant Program Manager | ServiceEngine Limited (SEBPO), Dhaka, Bangladesh | tuskarmoker@sebpo.com

Mohammad Hasan

Moderator, Programming Wing, PU Computer Club

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