

MD MAZADUL ISLAM

Data Analytics & Software QA Engineer | M.Sc. Data Science & Analytics Candidate

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PROFESSIONAL SUMMARY

M.Sc. Computer Science – Data Science & Analytics student at EPITA with **5+ years of experience in Software QA**, seeking a **6-month end-of-studies internship in Data Analytics, Data Science, or Data Quality from February 2027**. Experienced in data validation, API testing, requirement analysis, and identifying data inconsistencies across enterprise, HR, e-commerce, and SAP-related systems. Developing strong expertise in **Python, SQL, statistics, machine learning, and data exploration**, with a focus on applying a quality-driven and analytical mindset to real-world data problems.

SKILLS

Data & Analytics: Python, Data Science, Statistical Analysis, Kafka, MLflow, Grafana, Machine Learning

Tools & Technologies: MySQL, Orange, Postman, Docker, Git, JIRA, FastAPI, Airflow

Core Competencies: Product Analysis, Cross-functional Collaboration, UAT, Testing & QA, User Experience (UX), SAP Product Testing

Soft Skills: Communication, Teamwork, Time management, Leadership, Adaptability, Active listening, Problem-solving

PROFESSIONAL EXPERIENCE

Software Quality Assurance Engineer

Sep 2021 – Jul 2026

Fireworks Solutions Sdn Bhd · Selangor, Malaysia

- Developed comprehensive functional, UX/UI, and UAT test plans, partnering with cross-functional teams throughout the SDLC.
- Conducted API testing using Postman, identified critical issues, and collaborated with developers and business analysts to resolve them.
- Led and mentored a QA team while establishing and enforcing robust testing and quality standards.

IT Support & Software Developer

Sep 2018 – Feb 2020

Bumi Tunggal Maju Sdn Bhd · Kuala Lumpur, Malaysia

- Architected and delivered an end-to-end HR Management and Payroll system to improve internal operational efficiency.
- Executed user acceptance testing, test scenario scripting, and comprehensive software requirement analysis across internal applications.

PROJECTS

Enterprise Real-Time Fraud & Anomaly Detection System

Architected an end-to-end streaming data pipeline using Kafka/Redpanda ingestion, PySpark/Feast feature engineering, and MLflow tracking.

Python, PySpark, Kafka, FastAPI, MLflow, Docker

Credit Card Fraud Detection Pipeline

Built an applied machine learning data pipeline featuring Airflow-orchestrated DAGs and Grafana monitoring dashboards.

Python, Airflow, Grafana, Docker

EDUCATION

M.Sc. Computer Science — Data Science & Analytics

2026 – 2028

EPITA – School of Engineering and Computer Science · France

In Progress

B.Sc. (Hons) Software Engineering with Multimedia

2019 – 2021

Limkokwing University of Creative Technology · Malaysia

CGPA: 3.58/4.00

LANGUAGES

English — Advanced | French (A2, Actively learning) | Bengali — Native | Hindi/Urdu — Advanced