

AKIB OSMANI

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Professional Summary

Information Systems undergraduate specializing in Data Science and Analytics. Strong in data analysis, database systems, and applied machine learning with hands-on experience building data-driven applications and dashboards. Comfortable working across data pipelines, analytics, and decision-support use cases. Seeking entry-level roles in data analytics, business intelligence, or junior data science.

Technical Skills

Programming & Query Languages: Python, SQL, Java, C/C++
Data Science & Analytics: Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter
Databases & Data Management: MySQL, PostgreSQL, SQLite, MongoDB
Web & Systems: Django, Flask, REST APIs, HTML, CSS
Tools: Git, GitHub, Linux

Education

BSc in Information Systems (Data & Analytics Focus) Expected 2027
American International University – Bangladesh CGPA: 3.94
Relevant Coursework: Data Structures, Database Systems, Data Science, Data Warehousing, Business Intelligence, Machine Learning

Selected Projects

Student Performance Prediction System

Python, Pandas, Scikit-learn

- Designed an end-to-end ML pipeline covering data cleaning, feature engineering, and model evaluation.
- Improved prediction accuracy by 18% through feature selection and hyperparameter tuning.
- Demonstrated use of predictive analytics for academic decision support.

Sales Data Analysis & Reporting Dashboard

Python, Pandas, Matplotlib

- Analyzed multi-month sales data to identify revenue trends, seasonality, and top-performing products.
- Built visual reports to support business-level insights and planning decisions.

Online Examination Management System

Django, PostgreSQL

- Developed a data-centric web system for exam management, scoring, and reporting.
- Reduced manual result processing by over 70% using automated workflows and database queries.

Experience

Software Development Intern

Company Name, Bangladesh

Month Year – Month Year

- Supported backend development with Python and REST APIs.
- Assisted in debugging, optimizing queries, and improving system reliability.
- Worked closely with senior developers in an agile development environment.

Achievements & Certifications

- Google Data Analytics Professional Certificate.
- Ranked in top 10% in university-level programming contests.
- Solved 300+ algorithmic problems on Codeforces and LeetCode.

Leadership & Activities

- Peer tutor for introductory programming and data-related courses.
- Participant in inter-university hackathons and data-focused competitions.