

# Md Almus Fuad

Software Engineer | Python Developer | Data Analyst

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Data-driven software engineer with a foundation in Python, SQL, and data analysis techniques such as data visualisation and statistical analysis. Proficient at deriving actionable insights from complex datasets and building data-driven applications to optimise performance. Eager to leverage my technical expertise and analytical abilities to support data-informed decision-making and innovative projects in a dynamic environment.

## Work Experience

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### Junior Software Engineer, Kaizen IT | Dhaka, Bangladesh | Dec 2022 - Present

- Analyzed and optimised database interactions using Django ORM, enabling improved data retrieval for better performance.
- Developed Python scripts for data processing and analysis, streamlining reporting functions and reducing data processing time.
- Collaborated on Agile sprints, contributing data-driven insights to enhance code efficiency and overall project outcomes.

*Skills: Python, Django, DRF, PostgreSQL, Redis, Git, JavaScript, HTML, CSS, Unit Testing, Agile*

### Intern Mobile Application Developer, Accelex Inc | Dhaka, Bangladesh | Mar 2022 - Sep 2022

- Conducted analysis on user data to inform app performance improvements and optimise resource allocation in the testing phase.
- Facilitated data integration and contributed to backend data architecture, supporting accurate data flow for analytics.
- Used Agile and Scrum methodologies to deliver data-informed recommendations for app features and user experience enhancements.

*Tools: Flutter, Dart, Firebase, Postman, REST APIs, Git, Agile, UI/UX Design*

## Education

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### Bachelor of Science in Computer Science and Education

Dhaka International University | Dhaka, Bangladesh | Jan 2017 - Feb 2021

Thesis: "New era in ecommerce, from buy or sell to rent."

## Areas of Expertise

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Programming Languages: Python, JavaScript, SQL, C/C++

Frameworks: Django, FastAPI

Database: MySQL, PostgreSQL

Tools: Git Version Control, Docker, Jupyter Notebook, Anaconda, Visual Studio

Libraries: Pandas, Scikit-Learn, Numpy, Matplotlib, Streamlit

OS & Scripting: Debian, Bash, WSL

Automation/ML/Data-science: Web-scaping, Data Analysis, Predictive data analysis, Dashboard, Data Visualization

## Projects (Personal)

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### Sellstream,

- Developed a backend for inventory management with data tracking features, facilitating insights on stock levels and sales trends.
- Designed custom data reports using SQL and Python to analyse inventory levels and identify trends in product movement.

Technologies: DRF, JavaScript, GitHub, Docker

Link: [sell-stream.netlify.app](https://sell-stream.netlify.app)

## Languages

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Bangla (Native), English (B2), German (A1)

## Hobbies and Interests

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Reading technical blogs and publications on data science, Developing personal data projects for portfolio-building, earning new programming languages and data visualization tools