

Zulkarnain Saurav

Nationality: Bangladeshi **Date of birth:** 13/09/1999

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WORK EXPERIENCE

Tamim Group of Companies – Dhaka, Bangladesh

Full Stack Web Developer

[06/12/2025 – Current]

- Designed, developed, and maintained the company's official corporate website using modern full-stack web technologies.
- Implementing a **custom ERP system** for inventory and operational management, improving internal workflow efficiency and data tracking.
- Managed **domain configuration, web hosting environments, and server deployment**, ensuring high availability and performance.
- Administered and maintained **company email infrastructure**, including customized business email setup, security configuration, and user management.
- Developed secure backend APIs and database structures to support business operations and reporting.

Lionbridge – Massachusetts, United States

English Search Relevance Annotator - Bangladesh (Remote)

[01/11/2025 – Current]

- Evaluated and annotated **Amazon search results** to improve search relevance, accuracy, and user experience.
- Assessed the relationship between **user queries and product listings** based on predefined linguistic and quality guidelines.
- Performed **image and audio annotation tasks** to support AI and machine learning model training.
- Analyzed search intent and classified data to enhance **natural language processing (NLP)** and recommendation systems.
- Managed remote workflows efficiently while maintaining deadline compliance and data confidentiality.

TELUS International

Personalized Internet Assessor – Bengali Language (Remote)

[01/03/2024 – Current]

- Evaluated and provided feedback on online search results to improve relevance, accuracy, and quality for Bengali-speaking users.
- Analyzed content for cultural relevance, language accuracy, and appropriateness, ensuring alignment with user expectations and search engine standards.
- Contributed to enhancing search engine algorithms by leveraging linguistic expertise and familiarity with regional and global online trends.

EDUCATION AND TRAINING

B.Sc in Computer Science and Engineering

United International University [07/01/2019 – 20/11/2023]

City: Dhaka | **Country:** Bangladesh | **Website:** www.uiu.ac.bd | **Final grade:** CGPA 3.71

HSC

Govt. Shah Sultan College, Bogura

Website: https://govssc.edu.bd/ | **Final grade:** GPA 5.00

SSC

Bogra Zilla School, Bogra [01/01/2007 – 01/06/2015]

City: Bogra | **Country:** Bangladesh | **Website:** https://bograzillaschool.edu.bd/ | **Final grade:** GPA 5.00

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s):

English

LISTENING C2 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

MySQL / Python for Data Science, AI & Development (IBM) / C Programming / Data Science | Data Collection, Data Processing, Data Analysis, Data Visualisation / Machine Learing / Pandas / Microsoft Office / Latex / CSS / TailWind Css / Git / React / Domain / Hosting / Mail-server

PUBLICATIONS

[2023]

A New Method for Learning Decision Tree Classifier

Federated Learning-based Movie Genre Prediction from Multimodal Content by Using Deep Learning (Accepted in WICBBDB 2023))

Link: https://drive.google.com/file/d/1ZZe3up2KxDwBw_eUYxlDss6QNSma1IZ9/view?usp=sharing

Unveiling Patterns in Imbalanced Text Datasets Empowering Deep Neural Networks for Classification (Accepted in WICBBDB 2023)

Link: https://drive.google.com/file/d/1r5CoqvbjvmWTXZinFXPBOkE3W23hhb05/view?usp=sharing

[2024]

Pruning-Based Ensemble Tree for Multi-Class Classification

PROJECTS

Customer Purchase Data Analysis Analyzed customer data to uncover age, profession, spending, and email domain trends using Pandas.Identified busiest shopping days and top credit card providers.

Link: https://github.com/zsaurav007/customer_purchase_analysis_pandas

Superstore Sales Data Analysis & RFM Segmentation Performed data cleaning, transformation, and RFM-based customer segmentation using MySQL on Superstore Sales data. Used SQL queries to convert Excel date formats, clean inconsistent column names, and analyze customer purchase behavior.

Link: https://github.com/zsaurav007/Superstore_Sales_SQL_Project

Text-based Movie Genre Classification Preprocessed plot summaries and used BERT embeddings with CNN architecture.Trained using AdamW optimizer, achieving strong accuracy.

Movie Genre Image Classifier Developed an image classifier using PyTorch and VGG16 on IMDb posters.Managed data augmentation, resizing, and evaluation.

Multimodal Movie/Series Vision and NLP Dataset Compiled over 1000 samples of IMDb movie data combining posters and plot summaries.Cleaned, labeled, and categorized genres: Action, Comedy, Romance, Horror.

CERTIFICATIONS

IBM Data Science Specialization

Link: https://coursera.org/share/28a639395b0b3fa3801931a36ed1967e