Md Faisal Ahmed, Machine Learning Developer Intern

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SUMMARY

Enthusiastic Machine Learning Developer Intern with a strong foundation in AI research, NLP, and Python. Proven ability to train deep learning models, achieving 98.87% accuracy in Bangla hate speech detection. Possesses experience with Node.js, REST APIs, and GCP, alongside a BSc in Computer Science & Engineering. Eager to apply expertise in predictive modeling and data analysis to optimize player performance and team strategies at Sports Vector.

WORK EXPERIENCE

08/2026 – Present

Software Engineer (L1) Dhaka
TripFindy

- Architected scalable travel booking engines and backend infrastructure capable of handling high concurrency.
- Integrated Sabre, Galileo, and Amadeus GDS, NDC flows, and LCC airline APIs for real-time fare aggregation.
- Developed dynamic pricing strategies, automated ticketing pipelines, and multi-tenant tools for travel agencies.

04/2026 – 08/2026

Junior Software Engineer
Inception Games

- Engineered robust REST APIs for a live esports platform utilizing Node.js, Express.js, and MySQL.
- Deployed microservices onto Google Cloud Platform, including App Engine, Cloud SQL, and Cloud Build for CI/CD processes.

01/2023 – 01/2025

Junior Back-End Engineer Dhaka
Fly Far Tech

- Built core RESTful APIs using Node.js/NestJS that power B2B and B2C flight and hotel booking portals.
- Integrated local and international payment gateways, including SSLCommerz, bKash, and Nagad.
- Optimized MySQL query performance through advanced indexing techniques and implemented role-based access control (RBAC).

01/2024 – 07/2024

Research Assistant – NLP
North South University

- Trained BERT and GRU deep learning models for Bangla hate speech detection, achieving 98.87% accuracy.
- Authored a research paper accepted and published at the 2023 IEEE Innovation in Technology Conference.

EDUCATION

2018 – 2022

North South University Dhaka, Bangladesh
BSc, Computer Science & Engineering; Machine Learning & AI, Web Systems & Engineering, Distributed Systems, Database Design, Algorithms, and NLP

- Graduated with First Class Honours (CGPA: 3.08 / 4.00).

SKILLS

Autonomous AI & Agents
GDS (Sabre, Galileo, Amadeus)
REST APIs & Microservices
Docker & Google Cloud (GCP)
Node.js & NestJS
Python & NLP (BERT, GRU)
MySQL & Database Design
Payment Gateways (SSL, bKash)

LANGUAGES

Bengali (Native)
English (IELTS 7.0)

INTERESTS

Open Source & AI Research
Competitive Gaming
University social services volunteering, including social drives, disaster relief campaigns, winter clothing distributions, and educational support initiatives.
Tech Blogging
Reading