

Shariar Hasan

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Experience

Intern, DataSoft Systems Bangladesh Limited

Dec 2024 – Jan 2025

- Developed a machine learning-based system to detect and extract structured data from PDF documents, integrating the model into a backend built with Django.
- Utilized MLflow to manage the machine learning lifecycle, including experiment tracking, parameter logging, and model versioning.
- Designed and implemented a user-friendly React front-end to streamline manual PDF data processing.

Intern, Learnathon 3.0 (Virtual Internship Program)

Jan 2025 – Apr 2025

- Contributed to the development of full-stack web applications using React, Django, and Django REST Framework (DRF) in a collaborative team environment.
- Implemented GitHub Actions for CI/CD to automate testing and deployment workflows.
- Enhanced skills in backend API development, frontend integration, and team-based version control with Git.

Projects

EngageAnalytics : Pre-advertisement Evaluation Platform

[\[Github\]](#) [\[Live Demo\]](#)

- Developed as part of Geeky Solutions' Learnathon program using Django, Django Rest, React, and PostgreSQL.
- Developed a video ad testing platform with custom player, automated thumbnail generation, advanced video analytics, recommendation system, and user engagement tracking.
- Implemented secure video upload and device limitation using Firebase authentication and designed voice enabled search, watch history, liked videos, and role-based dashboards.

NovelNest

[\[Github\]](#)

- Full-stack novel browsing platform using Django REST and React.
- Implemented JWT authentication, role-based routing, and session management to ensure secure user access.
- Added features like novel search, category browsing, and personal libraries to improve user experience.

Achievements

- 8th place at **MIST Independence Day Programming Contest**, 2023
- Honorable Mention at **ICPC Asia Dhaka Regional Onsite Contest**, 2023 & 2024 [ICPCID](#)
- **Codeforces Pupil** | Max Rating: **1201** codeforces.com/profile/Shariar67
- **CodeChef 2 Star** | Max Rating: **1453** codechef.com/users/utchash_007
- Solved **1000+ problems** on Codeforces, CodeChef, and [LeetCode](#)
- **Participation:** BUET IUPC 2023 and IUT 11th National ICT Fest Programming Contest 2024

Education

Bangladesh University of Professionals, B.Sc. in Information & Communication Engineering

Extracurricular Activities

Head of Competitive Programming, BUP Infotech Club

Mar 2024 – Aug 2025

- Supervise training for juniors in algorithmic problem solving.
- Organize and host weekly programming contests.

Skills

Languages: C, C++, Python, SQL, HTML, CSS, JavaScript.

Frameworks & Libraries: PyTorch, TensorFlow, Django, FastAPI, React, Streamlit, Gradio, Seaborn, Polar.

Databases & Tools: MySQL, PostgreSQL, MongoDB, Git, GitHub, Basic Linux, Docker.