Md. Shahriar Kabir

Dhaka, Bangladesh

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Education

University of Dhaka — Dhaka, Bangladesh *Expected Dec, 2026*
B.Sc. in Computer Science and Engineering
GPA: 3.59/4.00 (upto 5th Semester)

Relevant Coursework

- Data Structures
- Algorithm Analysis
- Object Oriented Programming
- Database Management
- Software Engineering
- Operating Systems
- Computer Networks
- Machine Learning
- Artificial Intelligence
- Computer Architecture
- Cloud Computing
- Cyber Security

Projects

GrocyGenie - AI Grocery Prediction Model — GitHub *Tech: Python, TensorFlow, Hugging Face, Google Colab, Flask/FastAPI*

- Developed an AI model to predict grocery depletion dates, enabling efficient household management.
- Designed algorithms to learn personalized consumption patterns and support multiple grocery categories.
- Hosted and deployed the model on Hugging Face for easy integration into mobile apps and smart devices.

FamNest - Family Finance and Organizing App — GitHub *Tech: Flutter, Dart, MongoDB, FastAPI, Cloudinary, Android Studio*

- Conceptualized and delivered a comprehensive family management app for financial tracking, event management, document storage, and memory preservation.
- Engineered a robust document storage system supporting multimedia content and organized file management.
- Designed scalable REST APIs with FastAPI and optimized MongoDB Atlas database queries.
- Crafted an intuitive, responsive UI/UX ensuring seamless navigation and accessibility.

Disaster Management System — GitHub *Tech: Node.js, HTML, CSS, MySQL*

- Built a web-based Disaster Management System focusing on database management and CRUD operations.
- Developed backend using Node.js with MySQL for efficient data storage and retrieval.
- Designed responsive UI using HTML and CSS for intuitive user interactions.
- Implemented core functionalities such as creating, reading, updating, and deleting disaster-related records.

Skills

Programming	Python, JavaScript, Java, C, C++, Dart
Frameworks	React, Node.js, Express, FastAPI, Flutter, JavaFx
Cloud/DB	PostgreSQL, MongoDB, MySQL
Tools	Git, GitHub Actions, VScode, Intellije, Linux, Figma
Soft Skills	Communication, Problem-Solving, Teamwork, Leadership

Certifications & Awards

Learn Python Pro — CodeChef (June 2023)
Basic SQL — HackerRank (August 2025)

Extras

- **Languages:** Bangla (Native), English (Professional)
- **Competitive Programming:** 400+ problems solved on CodeChef; Silver badge in Problem Solving on HackerRank
- **Interests:** Problem Solving, Exploring New Technologies, Contributing to Open Source, Mentoring/Teaching Programming