




Nazmul Hasan

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PROFESSIONAL SUMMARY

A passionate **Flutter Developer** with a strong background in cross-platform mobile application development using **GetX state management**, **Firebase integration**, and **clean architecture**. Experienced in building modular, scalable, and production-ready apps with robust backend connectivity.

PROFESSIONAL EXPERIENCE

- Miicon Solutions** June 2025 – Present
Flutter Developer Jashore, Bangladesh
 - Cross-Platform Development:** Developed and maintained multiple mobile applications using **Flutter** and **GetX**, focusing on modularity, clean code, and performance optimization.
 - Architecture & State Management:** Implemented **Clean Architecture** principles, separating UI, logic, and data layers. Used reactive GetX observables and controllers for state synchronization and navigation.
 - Firebase Integration:** Integrated **Firebase Authentication, Firestore, and Cloud Messaging** for real-time notifications, user data sync, and secure login flows.
 - Reusable Component Design:** Developed custom widgets, themes, and localization modules to ensure a maintainable and consistent design system across projects.
 - Team Collaboration:** Collaborated in Agile sprints with designers and backend teams, performing peer reviews and ensuring API integration alignment across environments.

EDUCATIONAL BACKGROUND

- Bachelor of Computer Science and Engineering** 2021 – Present
Green University of Bangladesh CGPA: 3.69/4.0
- Higher Secondary Certificate (HSC)** Graduated 2019
Govt. M M College, Jashore GPA: 5.00 (A+)
- Secondary School Certificate (SSC)** Graduated 2017
Jashore Zilla School, Jashore GPA: 5.0 (A+)

CAREER INTERESTS

- Mobile App Development:** Building scalable Flutter applications with high-quality UI/UX and efficient state management.
- App Architecture:** Implementing maintainable project structures using GetX, BLoC, and layered architecture patterns.
- Backend Integration:** Integrating REST APIs, Firebase, and cloud services for real-time, data-driven apps.

ACHIEVEMENTS AND AWARDS

- Vice Chancellor's Award:** Honored with the **Vice Chancellor's Award** on three semester for academic excellence and contribution to university activities.
- Dean's Award:** Received the **Dean's Award** twice in recognition of outstanding performance and dedication within the department.
- Best Project Recognition:** Awarded **Best Project Prize** in the University Project Showcase for the project "Next Gen Job Recommendation System using AI and Machine Learning".

LEADERSHIP & VOLUNTEERING EXPERIENCE

- **Publication Secretary, Green University Computer Club:** Served as the **Publication Secretary** of the Green University Computer Club, contributing to event documentation, communication materials, and academic content promotion.
- **Mentor, Software Engineering Department:** Acted as a **student mentor** for the Department of Software Engineering for two consecutive semesters, providing academic guidance and peer support to junior students. Later promoted as a **Senior Mentor** for leadership and mentoring skills.
- **Deputy Chief, Bangladesh Red Crescent Society:** Held the position of **Deputy to the Chief** in the Bangladesh Red Crescent Society (2017–2022). Actively participated in administrative and field operations.
- **COVID-19 Relief Activities:** Worked on the frontlines during the COVID-19 pandemic, supporting health and relief efforts in the Comilla District as part of the Red Crescent emergency response team.

HOBBIES, LIKES, AND DISLIKES

- **Hobbies:** Programming, mobile app development, and UI/UX design
- **Likes:** Building scalable Flutter apps
- **Dislikes:** Over-engineering simple solutions

RESEARCH INTERESTS & ACADEMIC FOCUS

- **Thesis Work:** Currently pursuing undergraduate thesis research at Green University of Bangladesh, focusing on the application of deep learning techniques in Machine Learning and Image Processing.
- **Core Interests:** Interested in **Machine Learning, Image Processing, and Mobile AI Integration** for intelligent app solutions.
- **Programming Proficiency:** Proficient in **Flutter, Dart, and Python** with practical experience in GetX, TensorFlow, and REST API integration.

SELECTED PROJECTS

- **Flutter Loyalty and Messaging App (GetX Architecture)** — *End-to-End Project*
 - **Tools:** Flutter, GetX, Firebase, REST API, Clean Architecture
 - Built a production-grade loyalty and messaging system with redeem management, reward history, notifications, and user authentication.
 - Followed professional architecture, modular design, and best practices for scalability and performance.
- **AI-Powered Job Recommender System** — *End-to-End Project*
 - **Tools:** PHP, MySQL, HTML, CSS, JavaScript, Python (Machine Learning)
 - Developed a full-stack platform that analyzes CVs and job descriptions to recommend suitable jobs using keyword matching and ML.
- **Inventory Management System (React + Django REST)** — *End-to-End Project*
 - **Tools:** React.js, Axios, Django, Django REST Framework, MySQL
 - Designed a dashboard for supplier and product tracking with real-time API integration and CRUD operations.

SKILLS

- **Programming Languages:** Dart, Python, JavaScript, Java, C, C++
- **Mobile App Development:** Flutter, GetX, Firebase, REST API Integration, Clean Architecture
- **Web Development:** HTML5, CSS3, JavaScript, PHP, Django, React.js
- **Tools & Frameworks:** Git, Postman, MySQL, SQLite, Playwright, Selenium, CI/CD
- **Soft Skills:** Problem Solving, Teamwork, Communication, Attention to Detail

REFERENCES

Prof. Dr. Md. Saiful Azad
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