# ENAMUL HASAN

Software Engineer | Full Stack Developer | Mobile Application Developer

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## PROFESSIONAL SUMMARY

I am a Computer Science graduate with a genuine passion for building efficient web and mobile applications. My technical focus is on optimizing performance across platforms, utilizing various frameworks to create seamless user experiences. Beyond the code, I am a dedicated team player who prioritizes clear communication and strictly adhering to deadlines. I am always eager to learn and adapt, looking for a role where I can expand my skill set while helping my team succeed.

## EDUCATION

**Bachelor of Science in Computer Science and Engineering**  *Feb 2022 – Dec 2025*
*East West University*  *Dhaka, Bangladesh*

− CGPA: 3.77 / 4.00
− Major: Software Engineering

**Higher Secondary Certificate (HSC)**  *Completed: 2020*
*Dhaka Imperial College*  *Group: Science | GPA: 5.00*

**Secondary School Certificate (SSC)**  *Completed: 2018*
*Willes Little Flower School & College*  *Group: Science | GPA: 5.00*

## TECHNICAL SKILLS

**Languages**: Java, Python, C, C++, SQL, PHP
**Web Development**: HTML5, CSS, JavaScript, React.js, Node.js, Laravel, Django
**Mobile Development**: Flutter, Android Studio
**Databases**: Firebase, MySQL, MongoDB
**Tools & Version Control**: Git, GitHub, VS Code
**Professional Skills**: Technical Documentation, Analytical Thinking, Team Collaboration, Adaptability, Upskilling

## KEY PROJECTS

**Jatra: Smart City Bus Tracking & Navigation System**  *[View Code/Demo]*

− Developed a native **Android (Java)** application to solve the chronic unpredictability of Dhaka's public transit.
− Engineered a location interpolation algorithm to mitigate "teleporting" glitches caused by low-end driver smartphones.
− Reduced operational costs by implementing **Firebase Realtime Database** instead of expensive standard GPS APIs.
− Utilized **Cloud Functions** for scalable backend logic and real-time data synchronization.

**UniEvent: Campus Event Management System**  *[View Code/Demo]*

− Developed a full-stack web application using **FastAPI (Python)** and **PostgreSQL** for managing university events.
− Designed a responsive frontend using **Angular** and **Bootstrap 5** to track registrations and venue capacity.
− Implemented **Role-Based Access Control (RBAC)** to handle permissions for Admins, Organizers, and Students.
− Engineered a real-time **QR Code Attendance System** for instant ticket verification via webcam integration.

## HONORS & AWARDS

- **Cum Laude Distinction:** Eligible for the award of Cum Laude for achieving high academic standing in Bachelor's degree.

- **100% Merit Scholarship (Feb 2025 – Dec 2025):** Awarded full tuition waiver by East West University for excellent academic performance to its top 10% students.

- **Dean's Scholarship (Feb 2023 – Jan 2024):** Received scholarship recognition for maintaining a high CGPA in consecutive semesters.

## LANGUAGES

- **Bangla:** Native Speaker

- **English:** Fluent