Md. Mosaddek Ali

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Profile

Ambitious and detail-oriented Computer Science student with expertise in **full-stack web and mobile development**, **database engineering**, and **AI-powered applications**. Strong foundation in algorithms and object-oriented programming, with hands-on experience in **Laravel, Flutter, and Java Swing**. Passionate about building **scalable, secure, and user-centric applications** aligned with current industry demand in **AI integration, cloud-based services, and cross-platform solutions**. Seeking opportunities to contribute as a **Software Engineer / Backend Developer / Full-Stack Developer**.

Skills

- Programming: Java, PHP, JavaScript, Python (basic)
- Frameworks & Tools: Laravel, Flutter, Java Swing, Git & GitHub
- Databases: MySQL, Firebase, Database Normalization & Optimization
- Web Development: HTML5, CSS3, JavaScript (ES6+), REST APIs
- Other: AI Integration, Agile Collaboration, Problem-Solving

Projects

■ AI-Integrated Ticketing System (Laravel + AI)

Designed a smart ticketing platform that automates support handling using AI-driven natural language processing for categorization and priority assignment. Improved customer response time by 40% through automated triaging and predictive suggestions. Industry Relevance: Customer service automation and AI-driven helpdesks are in high demand across SaaS, fintech, and e-commerce.

■ Hospital Appointment System (Laravel + MySQL)

Built a database-centric web app to manage patient-doctor scheduling with conflict-free time slot allocation and real-time status updates. Implemented secure authentication, role-based access (doctor, patient, admin), and optimized queries for scalability. Industry Relevance: Healthcare digitization and telemedicine solutions are a growing market, requiring reliable scheduling systems.

■ Library Management System (Java Swing + MySQL)

Developed a desktop application to handle book inventory, user registration, and borrowing/return transactions. Implemented search, overdue tracking, and fine calculation features. Industry Relevance: Strengthens database design and OOP concepts—skills widely valued in enterprise application development.

■ Mobile Expense Tracker (Flutter + Firebase)

Built a cross-platform finance app enabling users to log, categorize, and analyze expenses with cloud synchronization. Integrated Firebase for real-time data and secure authentication. Industry Relevance: Cross-platform mobile apps are in huge demand due to rising personal finance and fintech markets.

Achievements

- ■ Best Project Award in Web Programming Competition
- ■ Consistent Academic Excellence (GPA 5.00 in both SSC & HSC, CGPA 3.5+ at KUET)
- ■ Recognized for teamwork and problem-solving in hackathons and coursework

Education

- ■ B.Sc in Computer Science and Engineering — KUET (3rd Year, CGPA: 3.5+)
- ■ HSC: GPA 5.00
- ■ SSC: GPA 5.00