

Salah Uddin
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Education

B.Sc in Computer Science and Engineering

Sept 2021–Oct 2025

Dhaka University of Engineering & Technology(DUET), Gazipur

Experience

- **SparkTech Agency**-Flutter Developer May 2025– Present
 - Built responsive and **animated UI**, integrated **RESTful APIs**, **Fast API** and implemented **AI-driven** features for enhanced app functionality, Using State management **GetX** and **Provider**.
- **Waltturn**-Flutter Developer(Remote) Oct 2024– May 2025
 - Designed **responsive UIs** , Integrated **RESTful APIs**, **Live Socket** and **Automated Chat with AI** integrate
- **Brain Station 23**-Software Engineer Intern (Flutter) Mar–Apr 2025
 - Built apps and Integrated **RESTful APIs** with Flutter, Dart.
- **DUET Robotics Club**-Vice President Jan 2023–Aug 2025
 - Led operations and finances.

Skills

- Programming: C++,Dart, JavaScript, Kotlin(Basic), python
- Framework: Mobile App development(Flutter)
- AI:Agentic AI, Prompt Engineering , MCP, n8n and Copilot Studio
- Web: HTML,Type Script ,TypeScript CSS, SASS, Tailwind CSS, React(Basic)
- Databases: Firebase, MySQL
- **Testing & Automation:** Selenium, BeautifulSoup (BS4), Postman
- Tools: Deployment(App Store & Play Console) , Git & Github,CI/CD, Figma, Adobe AE, Premiere pro
- UI/UX: Wireframing, Prototyping, Visual Design

Projects

- **U Tee Hub**-[App Store](#)
 - **Design Collaboration & Revision Workflow:** Spearheaded real-time custom t-shirt design creation using tools similar to Photoshop, with seamless feedback loops between clients and vendors, ensuring efficient communication and timely revisions.
 - **Vendor Management & Offer Optimization:** Developed and optimized vendor workflows for managing custom design services and ready-made t-shirt listings, driving efficient request tracking, timely delivery, and improved client interaction.
- **Trim Time**-[Github](#)
 - **AI Style Detection & Barber Matching:** AI identifies hairstyle images and suggests skilled barbers for better customer matching.
 - **Booking & Queue Management:** Real-time booking, queue tracking, and shop-specific QR codes for seamless appointments.

- **Social Feed & Barber Engagement:** Social feed for barbers and shop owners to post content, follow, and engage.
- **Hire Contractor -[Github](#)**
 - **Contractor Discovery & Hire:** Platform for customers to find and hire nearby contractors (e.g., cleaning, electrical, painting) with hourly or weekly rates.
 - **Real-Time Messaging:** Seamless messaging for clear communication between customers and contractors.
 - **Payment Integration & Flexibility:** Secure payment system for hourly or weekly contractor payments, offering flexible booking options.
- **Infinity Trend App -[Github](#)**
 - Features: Firebase auth, weather, news, shopping Used BLoC state management
 - Developed as part of **Brainstations internship project**, with a strong focus on **Software Quality Assurance (SQA)** and adherence to **Software Development Life Cycle (SDLC)** best practices.
- **AI Agent of Automated Email and Setup Meetings using *python* -[Github](#)**
 - Using *Model Context Protocol(MCP)* and *Ollama AI*
- **Notepad and Task Management App using Vanilla JS -[Live Demo](#)**
 - *Features:* *CRUD* and chart to *visualize task completion*
- **SALAH's Logbook (UI/UX) - [Live Demo](#)**
 - Wireframes, prototypes in Figma

Competitive Programming

- Solved ~1000 problems on platforms LeetCode, Codeforces, beecrowd, CSES, HackerRank.
- **Strong** foundation in Data Structures and Algorithms
- **Awards:** 1st Runner-Up, DUET Tech Fest 2023; 4th, NACTAR Olympiad
- **Participated** in the Intra DUET Programming Contest 2022.
- **7th place-** in the Intra DUET Programming Contest 2023.

Certifications

- Problem Solving Basic ([HackerRank](#)), Responsive Web Design ([freeCodeCamp](#))
- JavaScript Basic ([HackerRank](#)), SQL Fundamentals ([SoloLearn](#))
- **NASA Space Apps** Challenge 2024, Git & GitHub ([Udemy](#))

Publications & Conference

- [Internet of Things \(IoT\)-Based Solutions for Uneven Roads and Balanced Vehicle Systems Using YOLOv8](#)
- Smart Land Measurement: An IoT-Based Real-Time Area Monitoring System (Conference)

Reference

Abdullah Al Mamun, LLM Architect | Ex-Meta
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I hereby declare that all information provided is accurate and true.
 Salah Uddin

10 Dec, 2025