

Washiul Alam Shohan

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Kollyanpur, Mirpur 1, Dhaka-1216, Bangladesh

SKILLS & TECH STACKS

Cross Platform Software Development: Flutter

Backend Development: NodeJS · NestJS · REST

Database: NoSQL · PostgreSQL

BaaS: Supabase · Firebase

Deployment: NGINX · Docker

Miscellaneous: RAG (Langchain, Python) · Reverse Engineering (IDA, x64dbg, JADX, MITMProxy) · Game Development (Unity Engine, Godot Engine)

PROFESSIONAL EXPERIENCE

Class Recording Platform (CRP)

2023 - Present

Backend Developer

- Architected and implemented backend infrastructure for Daffodil International University's campus-wide routine management and class recording platform.
- Successfully scaled the system to handle 1000+ daily transactions across the university.
- Led technical architecture decisions and developed RESTful APIs to support Flutter-based frontend.
- Implemented real-time data synchronization system for efficient university-wide class tracking.

Take Care Limited

2022 - 2023

Frontend Developer

- Engineered a comprehensive medical service mobile application for Take Care Limited, a Bangladeshi healthcare provider, using Flutter.
- Implemented complex features including real-time location tracking, interactive maps for service providers, and multi-step service booking flows.
- Developed dynamic waiting rooms and intuitive user interfaces to streamline medical service delivery.
- Built real-time location-based functionalities for seamless patient-provider interactions.

Agrointelligenta

2022-2023

Full Stack Developer

- Developed and deployed the mobile application for Agrointelligenta, Romania's largest agricultural news platform.
- Engineered a custom microservice to optimize article delivery, reducing server load and enhancing app responsiveness.
- Implemented robust features including article caching and offline reading capabilities.
- Built a high-performance Flutter application integrated with WordPress backend and custom APIs.
- Optimized the application to serve 100,000 daily users while maintaining seamless experience across iOS and Android platforms.

EDUCATION & CERTIFICATIONS

Daffodil International University

BSc in Computer Science and Engineering
Jan 2023 - Dec 2026

EXTRACURRICULAR ACTIVITIES

Asterisklab

Co-Founder, System Designer & Backend Developer