

Al Amin Mollah

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TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, C++
Frameworks: Next.js, React, RestAPI, GraphQL, Laravel
Developer Tools: Jest, Docker, Linux, CI/CD, Cloudflare, AWS, Grafana
Databases: PostgreSQL, MySQL, MongoDB, Redis

EXPERIENCE

Software Engineer Present
Nexaus Cloud

- Collaborate with cross-functional teams in an scrum environment to ship user-facing features and internal tooling, following CI/CD best practices and RESTful API design

Managing Director Oct 2025 – April 2026
ADT Constructions LTD

- Directed operations for the construction business, overseeing workloads end to end

Executive Manager Jan 2025 – Sep 2025
Edizit Institute

- Oversaw daily operations and led a cross-functional team of staffs, implementing structured workflows that improved organizational throughput
- Coordinated scheduling, lead management and student services, increasing operational efficiency and student satisfaction

Frontend Developer Jul 2024 – Dec 2024
Edizit Institute

- Built and shipped an in-house institute management system serving hundreds of students, leads and staff using Next.js and RESTful APIs
- Increased user engagement by 30% through feature enhancements

PROJECTS

Tothya | *Next.js, PostgreSQL, GitHub Actions, AWS* Ongoing

- Developing an embeddable form-builder SDK with customizable forms, integrated payment collection, real-time data synchronization and RESTful APIs
- Implemented automated CI/CD workflows with GitHub Actions and deployed scalable cloud infrastructure on AWS

BehaviourIQ | *Hono, Prisma PG, Redis, FastAPI, Pinecone, Docker, Grafana* Favorite

- Built a behavioral engine driven by pixel SDK events (visits, carts, time on page) using a 6-signal weighted equation and an ML model to compute a live Intent Score per visitor plus an RFM churn probability; the dynamic pricing engine then triggers win-back deals for visitors with churn risk via Socket.io alerts on the SME dashboard
- Designed a Pinecone vector search pipeline using HuggingFace dense embeddings with a TF-IDF sparse fallback to build a user context vector per visitor and re-rank products by similarity; premium customers see more luxury products, economical customers see cheaper options
- Used LLM models to generate plain-English explanations for every pricing, churn and search decision and shipped a What-if simulator in Docker Compose letting SME owners tweak discount percentages and intent thresholds to model estimated income uplift

UnifyEd | *React, Laravel, Dart*

- Designed a multi-tenant EdTech LMS ecosystem with student management, online classes, integrated payment gateway, mobile apps, content streaming, CDN delivery and analytics dashboards
- Architected RESTful APIs with Laravel to support tenants following modular backend design principles

NARP Web App Refactor | *Next.js, MongoDB, Cloudflare*

- Built a dynamic dashboard for NARP Lab to manage events and auto-generate certificates for fellow members, deployed on edge for fast global access

KKCC Talent Hunt Management Systems | *Laravel, Vue, Next.js, FastAPI, MySQL*

- 2024 edition served 5k+ active users; 2025 edition scaled to 6k+ with payment gateway and live support added alongside previous features
- Managed branches, registration booths, student records, admit cards and generated dynamic seat plans across multiple centers

TransparenSee | *Hardhat, Blockchain, IPFS*

- Blockchain-based transparency platform to track Bangladeshi government projects with tamper-proof records, IPFS document hashing and AI-verified citizen feedback

Prottay Mess Manager | *JavaScript*

- Mobile-first app for managing mess data including meal counts, deposits, notifications, bazar lists and detailed invoices

EDUCATION

Independent University, Bangladesh

Bachelor of Business Administration, Major in Finance

May 2026 – Present

- Member, IUB Programming Club
- General Member, IEEE Computer Society IUB Student Branch Chapter

Comilla Victoria Govt. College

Higher Secondary Certificate (HSC)

2023 – 2024

- President, CVC AI and Robotics Club
- Member, Victoria College Debating Society

Comilla Zilla School

Junior School Certificate (JSC) and Secondary School Certificate (SSC)

2017 – 2022

CERTIFICATIONS AND ACHIEVEMENTS

Highest Individual Scorer – SMUCT CTF

Jul 2026

Shanto-Mariam University of Creative Technology, CSE Fest v3.0

Introduction to FinOps

August 2025

FinOps Foundation

MS-4005: Craft Effective Prompts for Microsoft Copilot for Microsoft 365

August 2025

Microsoft

Quarter Final Winner, ICT Olympiad BD S2

April 2025

ICT Olympiad Bangladesh

Web Design and WP Theme Customization

Mar 2023 – Jun 2023 (Issued June 2023)

UY LAB

KolpoKoushol Workshop Participant

October 2023

KolpoKoushol

GWR Remote 50 KM Bike Ride

May 2023

Pedal Gang

JOTA JOTI Participation

Oct 19 – 21, 2018

Bangladesh Scouts

Regional Anti-Drug Debate Championship

February 2018

Debate Bangladesh