MD NURUL ISLAM



BACKEND DEVELOPER | SOFTWARE ENGINEERING

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PROFESSIONAL PROFILE

Backend-focused software developer experienced in building REST APIs, database-driven applications, e-commerce workflows, and SaaS-oriented services. Works with Node.js, TypeScript, NestJS, Express.js, PostgreSQL, MySQL, and MongoDB, with additional experience in deployment and production troubleshooting. Brings a complementary background in agent banking, cash operations, customer service, and retail business operations.

TECHNICAL SKILLS

Programming: TypeScript, JavaScript, HTML, CSS

Frontend: React, Next.js, Tailwind CSS

Backend & APIs: Node.js, NestJS, Express.js, REST API development

Databases & Data Access: PostgreSQL, MySQL, MongoDB, Prisma, Mongoose

Caching & Messaging: Redis, RabbitMQ, Socket.IO

DevOps & Infrastructure: Linux/VPS, Docker, Docker Compose, Nginx, PM2, Cloudflare, DNS, TLS/SSL

Tools & Practices: Git, GitHub, API integration, debugging, requirements analysis

PROFESSIONAL EXPERIENCE

Backend Developer | Expert Squad (Expertsquad.net) | Aug 2022 – Aug 2026

• Built and maintained backend services and REST APIs using Node.js, TypeScript, NestJS, and Express.js.

• Designed data models and database access layers using PostgreSQL, MySQL, MongoDB, Prisma, and Mongoose.

• Implemented e-commerce and business application workflows, including product catalogues, orders, coupons, and administrative features.

• Collaborated with frontend and mobile developers to integrate APIs and resolve application-level issues.

• Supported application deployment and production troubleshooting across Linux VPS, Docker, Nginx, PM2, DNS, and TLS/SSL environments.

• Contributed to domain onboarding and SSL lifecycle automation involving Cloudflare SSL for SaaS and related backend technologies.

Cashier / Agent Banking Operations | Islami Bank Bangladesh PLC – Agent Banking Outlet | Sep 2019 – Dec 2021

• Processed day-to-day customer banking transactions and supported cash handling and balancing activities.

• Maintained transaction records and followed operational procedures to support accuracy and service quality.

• Responded to customer service needs and assisted with routine agent banking operations.

Salesperson / Retail Operations | Nabi Cloth Store | 2011 – 2019

• Assisted customers with product selection, sales enquiries, and day-to-day retail service.

• Supported routine store operations and developed practical experience in customer communication and sales.

SELECTED PROJECTS & TECHNICAL WORK

SaaS Domain & SSL Automation

• Contributed to backend workflows for domain onboarding and SSL lifecycle management using Express.js, Prisma, MySQL, Cloudflare SSL for SaaS, and Traefik.

E-commerce & Business Applications

• Developed application features for product catalogues, orders, coupons, and administration across web-based commerce and business systems.

Production Deployment & Operations

• Configured and troubleshot application hosting, reverse proxies, process management, containers, DNS, and TLS using Linux, Docker, Nginx, PM2, and Cloudflare.

POS & Inventory Application Work

• Contributed to planning workflows for inventory management, spreadsheet imports, barcode-based product lookup, and invoicing.

EDUCATION

Master of Social Science (MSS) in Political Science | National University, Bangladesh

Noakhali Government College | Session: 2023–2024 | Currently pursuing

Bachelor of Social Science (BSS) Honours in Political Science | National University, Bangladesh

Sonapur College | Completed: 2025 | CGPA: 2.84/4.00

Higher Secondary Certificate (HSC) | Chaprashirhat Ismail Degree College

Science | 2018 | GPA: 3.92/5.00

Secondary School Certificate (SSC) | Chaprashirhat High School

Science | 2016 | GPA: 3.83/5.00

TRAINING & CERTIFICATIONS

• Microsoft Office — Nuha Computer (government-certified training, as stated)

• MERN Stack Development — Programming Hero

ADDITIONAL INFORMATION

Languages: Bangla, English (Intermediate), Hindi

Computer & Microsoft Office proficiency: Intermediate

Date of Birth: 10 May 1999 | Nationality: Bangladeshi

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