






Md. Navidul Hoque

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Professional Summary

Motivated and detail-oriented Backend Developer with experience in building scalable and secure backend systems using NodeJS, NestJS, and Laravel. Proficient in database design (PostgreSQL, MySQL, MongoDB), API development, and cloud integration with Docker, Redis, and Stripe. Passionate about delivering clean, maintainable code and learning cutting-edge backend technologies.

Technical Skills

- **Languages:** TypeScript, JavaScript, PHP
- **Backend Frameworks:** NodeJS, ExpressJS, NestJS, Laravel
- **Databases:** PostgreSQL, MySQL, MongoDB, Prisma, Mongoose
- **Tools & Platforms:** Docker, Redis, Bull MQ, Apache Kafka, Cron Jobs, WebSocket, JWT, OAuth, Stripe, Cloudinary, PhpMyAdmin.
- **Dev Tools:** Git, GitHub, Postman, Visual Studio Code

Projects

Doctors Appointment Booking System

Stack: NestJS, TypeScript, PostgreSQL, Prisma, Redis, BullMQ, WebSocket, Stripe, Docker, Cloudinary, Cron Jobs, JWT

[Github Repository](#)

- Developed real-time chat and appointment notifications using WebSocket + Redis.
- Integrated Stripe Connect for doctor payout and payment automation.
- Built background jobs (BullMQ) for scheduling tasks and cleanup.
- Used Docker for containerized local dev with Redis and PostgreSQL.
- Implemented role-based access control and class-based validation for robust architecture.

Multi Vendor Ecommerce Platform

Stack: PHP, Laravel, MySQL, JWT, PHPMYAdmin, Docker, Redis

[Github Repository](#)

- Designed a backend system for a ecommerce platform using Laravel.
- Used MySQL with PHPMYAdmin for database management.
- Implemented role based authentication using JWT.
- Containerized the entire project with Docker.

House Security Check System


Stack: Javascript, ExpressJS, MongoDB, Mongoose, JWT

[Github Repository](#)

- Developed APIs for house security checks with ExpressJS.
- Ensured secure service using JWT, validation middleware.

Professional Experience

Backend Software Engineer

 **BdCalling IT Ltd**, Dhaka — Jan 2025 – May 2025

- Built authentication and authorization systems with JWT and OAuth2 providers (Google, Facebook). Designed and implemented scalable REST APIs for production systems.
 - Developed backend services for internal tools and ensured performance optimization.
 - Created RESTful APIs and tested using Postman.
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Education

B.Sc. in Computer Science & Engineering

 Military Institute of Science and Technology (MIST) — 2020–2024

- Medium: English

HSC – Dhaka Residential Model College (2017–2019)


SSC – Dhaka Residential Model College (2015–2017)


References

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