

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](#)

- Built real-time chat & notifications with WebSocket, Redis, and BullMQ.
- Designed asynchronous data processing using Apache Kafka for high throughput.
- Automated appointment status updates, background jobs, and activity tracking with BullMQ and Cron Jobs.
- Integrated Stripe Connect for secure multi-vendor payments and doctor payouts.
- Implemented Redis caching and rate limiting to improve performance, prevent abuse, and reduce database load.
- Developed email and SMS notifications for user engagement and system alerts.
- Used Docker for containerized local dev with Redis, PostgreSQL and Kafka.

🛒 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 — January 2025 – June 2025

- Built authentication and authorization systems using JWT and OAuth2 providers (Google, Facebook).
- Designed and implemented scalable REST APIs for production environments.
- Developed backend services for internal tools with a focus on performance optimization.
- Created and tested RESTful APIs using Postman, ensuring reliability and efficiency.

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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