

# Md. Navidul Hoque

+8801700763325 | [hnavidul@gmail.com](mailto:hnavidul@gmail.com)

[LinkedIn](#) | [GitHub](#)



## Professional Summary

Motivated and detail-oriented Backend Developer with a strong foundation in Node.js, ExpressJS and NestJS. Experienced in building RESTful APIs, integrating OAuth and implementing scalable backend systems using PostgreSQL, MongoDB, Redis, and Docker. Passionate about solving real-world problems through clean code, security-first design and modern backend technologies.

## Technical Skills

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

## Professional Experience

### Software Engineer

Bulipe Tech Ltd — June 2025 – Present

NestJS | Typescript | MongoDB | Mongoose | MySQL | PostgreSQL | Prisma

- Worked on an enterprise-level microservices based projects.
- Designed and implemented scalable REST APIs for production systems.
- Ensured system security, code maintainability, and performance optimization.

### Software Engineer

BdCalling IT Ltd — March 2025 – May 2025

ExpressJS | Javascript | MongoDB | Mongoose | JWT | OAuth

- Worked on an enterprise-level microservices based projects.
- Designed and implemented scalable REST APIs for production systems.
- Ensured system security, code maintainability, and performance optimization.

## Projects

### Doctors Appointment Booking System

NestJS | TypeScript | PostgreSQL | Prisma | Redis | BullMQ | WebSocket | Stripe | Docker | Cloudinary | Cron Jobs

[Github Repository](#)

- Built a scalable backend system with real-time chat (WebSocket) and notification scheduling (Redis + BullMQ).
- Integrated Stripe Connect for multi-vendor payments and automatic fund distribution.
- Enabled secure media uploads (Multer + Cloudinary) and real-time user activity tracking (Cron Jobs).
- Used Docker for containerized local dev with Redis and PostgreSQL.
- Implemented role-based access control and class-based validation for robust architecture.

## Psykick Club

Javascript | ExpressJS | MongoDB | Mongoose | JWT | OAuth | WebSocket

[Github Repository](#)

- Designed and developed a RESTful API using Express framework and tested using Postman.
- Implemented a real-time data update and notification feature using Web Socket.
- Implemented Google and Facebook login using OAuth.

## House Security Check System

Javascript | ExpressJS | MongoDB | Mongoose | JWT

[Github Repository](#)

- Designed and developed a RESTful API using Express framework and tested using Postman.
- Ensured the code quality, performance and security of the services.
- Developed several JavaScript based services.

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## Education

### Military Institute of Science and Technology (MIST)

BSC in Computer Science and Engineering (2020-2024)

### Dhaka Residential Model College (DRMC)

Higher Secondary Certificate (2017-2019)

Secondary School Certificate (2015-2017)


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## References

### Md.Enamul Hoque

Chief Operating Officer

Ambala Foundation


 +8801711854086

 coo.ambala@gmail.com

### Md.Monirul Hoque

Brigadier General


Combined Military Hospital (CMH)


 +8801716336011

### Muhammad Mozzammel Haque

Senior Software Engineer

Arogga Limited


 +8801674831500

 mozzammeluiu@gmail.com

### Mostafa Rafid

Software Engineer

Portonics Limited

 +8801704894483

 rafidmostafa13@gmail.com