

NURNODY RAHAMAN

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Full-stack Software Engineer with 1.6 years of experience specializing in backend development using Node.js, Express.js, Prisma, PostgreSQL, MongoDB, Redis, and Docker, and frontend development using Next.js and React.js. Experienced in building scalable REST APIs, improving system performance, and delivering secure, high-quality applications. Strong in API architecture, database optimization, and cross-functional collaboration.

TECHNICAL SKILLS

- Programming Languages: **TypeScript, JavaScript, Python, PHP, C#, C, SQL**
- Frontend: **React.js, Next.js, Bootstrap, Tailwind CSS, Material UI**
- Backend: **Node.js, Express.js, .NET Core (MVC)**
- Databases & ORMs: **PostgreSQL, MS SQL, MongoDB, Prisma ORM, Mongoose**
- Authentication & Security: Firebase Authentication, **JWT, OAuth2, RBAC**
- Architecture: REST APIs, MVC
- DevOps: Docker
- Tools: Git, GitHub, Visual Studio Code, Visual Studio, Vercel, Postman
- Concepts: **OOP, DRY, SOLID Principles**

PROFESSIONAL EXPERIENCE

Software Engineer (Backend) – Bulipe Tech, Dhaka

Jun 2025 – Oct 2025

- Developed and enhanced backend APIs for Neelas, a TikTok-like social media app using **Node.js, Express.js, MongoDB, Mongoose, and Redis**.
- Integrated **secure authentication** and **media upload pipelines**, enhancing API performance and achieving a **25%** reduction in response time.
- Improved application efficiency by 20% through refined database queries, caching strategies, and streamlined API design.
- Integrated internal and external APIs into Next.js applications, added new features, and managed CMS structures.
- Collaborated with mobile, frontend, and product teams to ensure scalable system communication.

Full Stack Developer – Bangladesh Electronic Medical Record (BDEMR), Dhaka

Nov 2023 – Dec 2024

- Led redevelopment of the healthcare system from **Polymer to MERN Stack (MongoDB, Express.js, React.js, Node.js)**.
- Built patient management, reporting, and billing modules with secure authentication (**JWT, Firebase Auth**).
- Enhanced backend query efficiency and improved response time by **30%** through API restructuring and indexing.
- Collaborated with healthcare professionals to convert workflows into efficient digital systems.

Key Achievement:

- Delivered a fully functional and secure MERN-based healthcare platform.

EDUCATION

Bachelor of Science in Computer Science & Engineering

Daffodil International University, Savar

Graduated: August 2023 | CGPA: 3.20

Higher Secondary Certificate (HSC) – Science

Government Maulana Mohammad Ali College, Tangail

Graduated: December 2018 | GPA: 3.33

Secondary School Certificate (SSC) – Science

Shaheen School & College, Tangail

Graduated: December 2016 | GPA: 4.94

PROJECTS

School Management Website (Sole Developer | 2023) | React, Material UI, Node.js, Express, Mongoose, MongoDB, Firebase Authentication, JWT

- Built a platform featuring secure authentication, role-based access control, dashboards, and user management.
- Implemented video calling functionality to support real-time communication.
- Deployed and supported active multi-user usage during its operational period.

Appropriate Bus Search (Sole Developer | 2023) | React, Material UI, Node.js, Express, MongoDB, JWT, Firebase Cloud Messaging

- Built a bus search and booking system for Dhaka with route discovery, ticket booking, and role-based access control.
- Incorporated real-time messaging via Firebase Cloud Messaging for seamless user communication.

Electric Tools Manufacturer | React, Material UI, Firebase Authentication, JWT, Node.js, Express, MongoDB

- Built an e-commerce platform with secure user authentication, payment flow, account management, and role-based access control.
- Applied user-centric UI principles to increase engagement and transaction confidence.

PERSONAL INFORMATIONS

- Full Name: Nurnoby Rahaman

- Date of Birth: 24 June 1998

- Religion: Islam

- Permanent Address: Tangail

- Present Address: Mirpur 1, Dhaka

- Nationality: Bangladeshi

- Gender: Male

- Marital Status: Married

REFERENCES

Reference 1:

- Name: Evana Yesmin
- Designation: AGM
- Company: Bulipe Tech
- Phone: +8801911718911

Reference 2:

- Name: Niloy Ahmed Kawser
- Designation: Senior Developer
- Company: DDC
- Phone: 01518990705