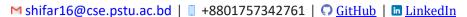
A. B. M. SHIFAR EMTIUZ

JUNIOR SOFTWARE ENGINEER (BACKEND)





SUMMARY

Experienced Junior Software Engineer (Backend) with expertise in developing web applications using NestJS and Typescript. Skilled in creating REST APIs to support ERP solution and E-commerce functionalities. Proficient in designing and managing databases with PostgreSQL & MongoDB. Collaborative team member with a strong foundation in full-stack development

TECHNICAL SKILLS

C/C++	Nest.js	PostgreSQL	TypeScript
JavaScript	Node.js	MongoDB	REST API
Python (Basic)	Express.js	Firebase	Docker Redis

PROFESSIONAL EXPERIENCE

Ghorer Bazar (Junior Software Engineer - Backend)

Nov 2024 - Present

- Developed and maintained web applications using NestJS and TypeScript.
- · Developed RESTful APIs to seamlessly integrate ERP Solution and E-commerce functionalities.
- Designed and managed robust PostgreSQL databases for ERP and E-commerce systems, improving data retrieval speeds.
- Collaborated with cross-functional teams to design, develop, and deploy scalable web applications.
- · Utilized Git and GitHub for version control and collaborative development.

PROJECTS

ERP Solution (Order & Inventory Management Tool) (GitHub)

- Designed and developed a comprehensive Order & Inventory Management System using Nest.js, TypeScript, and PostgreSQL.
- Implemented secure authentication with JWT, email verification, and role-based access control.
- Integrated payment transactions supporting full and partial payments with unique transaction tracking.
- Streamlined warehouse operations with requisition and challan management.
- Implemented Redis for performance optimization and fully Dockerized the application for scalable deployment

Chat Application (GitHub)

- Developed a real-time chat application with **Express.js** for backend functionality.
- Used EJS for dynamic template rendering and Socket.io for seamless communication.
- Utilized MongoDB for efficient user data storage.

Uptime Monitoring Application (GitHub)

- · Created an Uptime Monitoring Application using Node.js to track website availability and performance.
- Continuously checks specified URLs, alerts users to downtime, and logs response times.

EDUCATION

M.Sc. in Computer Science & Information Technology

Jan 2025 - Present

Patuakhali Science and Technology University

Jan 2019 – Oct 2024

B.Sc. in Computer Science & Engineering.

Patuakhali Science and Technology University

ON-GOING RESEARCH

B.Sc. Thesis: Minimize the Inconsistency: Advancing the Cutting Edge Speech-to-Text Model for Barishal Regional Dialects Degree: B.Sc. in Computer Science and Engineering, Patuakhali Science & Technology University.