MD. MONIR HOSHEN
Full-Stack Developer

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Portfolio | GitHub | LinkedIn

Experiences:

Backend Developer
Amrutam | Internship - November 2023 – March 2024 | Part-time – March 2024 - Present
Gwalior, India – Remote
Technologies: TypeScript, Agora, AWS, Azure Functions, ERP, JavaScript, Node.js, MongoDB, Next.js, etc.

- *Project Leadership*: Led the successful launch of Amrutam Pharmaceuticals' first TypeScript backend project, enhancing the efficiency and maintainability of the technology stack.
- *Cloud Infrastructure Basics:* Gained foundational knowledge in AWS and Microsoft Azure functions, contributing to the deployment and management of cloud-based applications.
- *Advanced GitHub Collaboration:* Managed projects using GitHub's advanced collaboration and project management features, ensuring seamless code integration and team coordination.

Backend Developer
Byte Zenith - Internship| August 2023 – March 2024
Dhaka, Bangladesh - Remote
Technologies: Nest.js, System Design, Data Structure & Algorithm, MySQL TypeScript, Node.js etc.

- *Project Leadership:* As the project leader for backend development at Byte Zenith, I spearheaded the successful launch of a live website, driving key initiatives and ensuring timely execution.
- *Team Leadership:* As a team leader, I strategically planned, executed, and coordinated efforts, ensuring seamless collaboration to achieve critical milestones and drive the project's success.
- *Enhanced Backend Proficiency:* During my internship, I enhanced my skill set by delving into system design, data structures, algorithms, and UML diagram fundamentals.

Skills:

- **Languages**: JavaScript (ES6), TypeScript, C & C++ (Basic).
- **Frontend:** HTML, CSS, Next.js, React.js, Redux, RTK Query, React Query, Axios, React hook form, Zustand, Ant Design, Material UI, Tailwind CSS, Daisy UI, NextAuth, Stripe payment integration, etc.
- **Backend:** Node.js, Express.js, Mongoose, Prisma, MySQL, PostgreSQL, REST APIs, JWT, Firebase, MVC Architecture, Modular Architecture, GraphQL (familiar), System Design, NestJS (familiar) etc.
- **Database:** NoSQL (MongoDB), SQL (PostgreSQL), AWS (familiar), Aure function (familiar), etc.
- **Tools:** Git, GitHub, React DevTools, Redux DevTools, Chrome Dev Tools, VS Code, Figma, Vercel, Netlify, PowerPoint, Jira, Trello, Postman, MongoDB Compass, Linux etc.

Projects:

Dream Destination Travel [Full Stack – PostgreSQL]   GitHub Server || GitHub Client || Live Site
Overview: A dynamic web platform that connects travelers seeking companions for their journeys, featuring seamless trip sharing, search functionalities, and robust user management.
Key Features:

- *Traveler Connection Platform:* Connects travelers by allowing them to share their travel plans, search for trips, and find like-minded individuals to join them.
- *Trip Posting & Searching:* Users can post trips with detailed information and photos. Search and filter trips by destination, travel dates, and type. Also, they can add travel steps.
- *Admin Dashboard:* Comprehensive admin tools for managing users and trip posts, including activating/deactivating accounts and editing/removing trip listings.

Technologies: TypeScript, Next JS, Ant-Design, Redux, PostgreSQL, Prisma, NodeJS, JWT, AOS, etc.

Foreign-Language-Camp [Full Stack - MongoDB]   GitHub Server || GitHub Client || Live Site

Overview: Created a dynamic foreign language camp website as an extracurricular platform, enabling students to learn new languages during their vacation with role-based dashboards.

Key Features:

- *Multi-Dashboard Functionality*: Separate dashboards for students, instructors, and admins. Instructors can add and update classes. Admins can promote users to admin or instructor roles.
- *Seamless Card Payment Integration via Stripe*: Secure and efficient card payment system integrated with Stripe. Students can make hassle-free payments for individual classes.
- *Optimized Class Display on the Classes Page*: Only approved classes are shown on the Classes page. The "Add to Cart" button is disabled if seats are unavailable.

Technologies: JavaScript, Stripe, React Query, React, Firebase, NodeJS, JWT, MongoDB, Daisy UI, etc.

Edu-Toy [Full Stack – MongoDB]   GitHub Server || GitHub Client || Live Site

Overview: Developed an educational toy website for students, offering secure authentication, advanced product management, and a seamless, mobile-responsive user experience.

Key Features:

- **Student Collaboration and Management:** Facilitated student contributions for adding and updating educational toys, enhancing peer-to-peer interaction and information accuracy.
- *Efficient Data Handling:* Perform MongoDB CRUD operations via an Express server with Node.js, incorporating JWT for enhanced API security.
- *User-Centric Functionality:* Implement access controls for toy operations, permitting actions only for authenticated users. Enhance the backend with search, sorting, and pagination.

Technologies: React, React Router, Node.js, Express.js, JWT, MongoDB, Tailwind CSS, Daisy UI etc.

Education:

- Master of Science (M.Sc.) in Mathematics,   2019 - 2020
  National University

Courses:

- CSE Fundamentals with Phitron,   March, 2024 – Present
  Phitron
- Next Level Web Development Course,   Certificate   December, 2023 – July, 2024
  Programming Hero
- Complete Web Development Course,   Certificate   December, 2022 – June, 2023
  Programming Hero

Languages:

- Bangla – Native
- English – Comfortable
- Hindi – Beginner