AHMAD HOSSAIN

Software Engineer

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Passionate full-stack developer with hands-on expertise in React, Node.js, and modern development technologies. Enthusiastic about contributing to open-source projects, well-versed in competitive programming and agilemethodologies. Dedicated to delivering high-quality solutions that align with industry standards and best practices.

🧠 SKILLS

Programming Languages
JavaScript PHP C# Python

Framework
React, Next, Angular, Laravel, Node, Express, .NET Core, Entity Framework, MySQL, MongoDB, Mongoose, Prisma, Jest, Docker, CI/CD

Tools
Git Jira Postman

🎓 EDUCATION

Bachelor of Science, Brac University
Jan 2019 – Dec 2023

💼 PROFESSIONAL EXPERIENCE

TLGS Group, Software Engineer
Oct 2024 – present
- Developed product listings, detailed product pages, and shopping cart functionality for an e-commerce platform.
- Integrated email-sending features and Google Maps for enhanced user experience.
- Built static websites with visually appealing and user-friendly interfaces.

Tech Used: Next.js, TypeScript, Tanstack Query, Zustand, ShadCN, Tailwind

Astha IT, Software Engineer (Intern) ⬈
Nov 2023 – Mar 2024
- Designed and implemented the Log-in, Registration, Sidebar, and Branch Pictures with drag-and-drop features in Restora app.
- Enabling e-commerce capabilities with optimized performance and advanced functionality by integrating third-party APIs.
- Acquired proficiency in DevOps, OOP, SDLC, and Git.

Tech Used: Next.js, Typescript, React Query, Zustand, Ant design, Tailwind.

🧩 PROJECTS

Laragigs, Laravel Job Listing Platform
- Built dynamic and reusable views using **routing, controllers, and Blade templates**.
- Designed database schema with **migrations, factories, seeders**, and Eloquent relationships.
- Developed **CRUD features**, search & tag filtering, pagination, and file upload functionality.
- Integrated **authentication** (registration, login, logout) & **authorization** for managing owned listings.
- Added **form validation, flash messages, and state persistence** for a smooth UX.

Tech Used: Laravel, PHP, MySQL, Blade Templates, Alpine.js, Tailwind CSS

Game Store
- Designed and developed CRUD API endpoints for game store.
- Implemented the **Repository Pattern** for performance and maintainability.
- Applied **dependency injection** to enhance modularity, testability, and scalability.
- Utilized **data annotations** to validate and handle invalid input effectively.

Tech Used: ASP.NET Core, Entity Framework Core, MSSQL

E-DOCTOR, AN ONLINE MEDICAL SERVICE (THESIS)
- Implemented live video consultation, chat system, blog, search and filtering, admin verification, and authentication and authorization systems.

Tech Used: Next, Next Auth, Socket.io, Simple Peer, Express, MongoDB, Prisma.

E-commerce Store
- Developed product listing and shopping cart functionalities for an e-commerce platform.
- Integrated third-party APIs to enhance application capabilities.

Tech Used: Angular 19, Tailwind CSS.

WORLD PEACE CONVENING ASSOCIATION BANGLADESH (WPCAB) ⬈
- Registering new member, authentication, and admin dashboard with advanced filtering, developed server-side APIs.

Tech Used: React, Express.js, Mongoose, MongoDB, React Hook Form, JWT auth.

📚 COURSES

Professional OOP Training, by Tiemoon Bhai ⃗
Sep 2024 – Sep 2024
- Mastered OOP concepts: Encapsulation, inheritance, polymorphism, and abstraction.
- Developed reusable, maintainable code using classes, objects, and **SOLID** principles.
- Enhanced code quality through OOP best practices, refactoring, and code smell detection.

The Ultimate React Course 2023 React, Redux & More, Udemy ⃗

Node.js, Express, MongoDB & More The Complete Bootcamp 2023, Udemy ⃗

The Complete 2022 Web Development Bootcamp, Udemy ⃗

🎗 ACHIEVEMENT

Competitive Programming
- Solved more than 300 problems in various online judges.
- Participated in ACM ICPC Dhaka Regional (2021) ⃗ , Google Code Jam (2021) ⃗