

Maruf Hasan Anik

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[LinkedIn](#) || [GitHub](#) || [Codeforces](#) || [LeetCode](#) || [Portfolio](#)

Professional Summary

Proactive and detail-oriented Full Stack Developer with hands-on experience in web and desktop application development. Adept at building responsive, user-friendly interfaces and integrating robust backend solutions. Skilled in modern frameworks including Nuxt.js, Next.js, NestJS, Vue.js, Laravel, and ASP.NET Framework, with strong foundations in databases, machine learning, and competitive programming. Demonstrates a proven ability to learn quickly, adapt to new technologies, and deliver high-quality solutions on time.

Education

- American International University - Bangladesh (AIUB)** **Dhaka, Bangladesh**
BSc in Computer Science and Engineering (CSE) February, 2022 – September, 2025 (Expected)
Concentrations: Software Engineering
CGPA: 3.74/4.00
Related Coursework: Advanced Programming with .NET Framework, Object-Oriented Programming with C# and Java, Web & Mobile Application Development, Database Systems, Data Structures & Algorithms, Artificial Intelligence Programming in C++, Advanced Programming with NestJS and NextJS.
- Ostad Platform Course (Non-Degree Program)** **Online, Dhaka, Bangladesh**
Full-Stack Web Development Ongoing
• Completed hands-on training in HTML, CSS, JavaScript, PHP, MySQL, Git, Laravel, VUE3 and deployment
• Built real-world web projects and followed modern development workflows using GitHub

Professional Experience

ProspectBD Consultant **Part Time (Remote), Dhaka, Bangladesh**
Frontend Developer (Intern) February 2025 – May 2025
Assisted in the design and development of client websites using Nuxt.js, Tailwind CSS
Collaborated with senior developers to optimize website performance and implement responsive designs
Participated in debugging and resolving front-end issues

Technical Skills

- Programming Languages:** C, C++, Java, C#, Python, JavaScript, PHP, SQL, PL/SQL, Kotlin
- Web Development:** Nuxt.js, Next.js, Vue.js, HTML5, CSS3, Tailwind CSS, AJAX, REST APIs, ES6
- Backend Frameworks:** ASP.NET Framework, Laravel, NestJS
- Databases:** MySQL, Microsoft SQL Server, Oracle 10g, PostgreSQL
- Tools & Platforms:** Git, GitHub, Visual Studio Code, Visual Studio, MAMP, Android Studio, PhpStorm
- APIs:** RESTful API integration
- Concepts & Technologies:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Software Engineering, Machine Learning (ML), Competitive Programming

Projects & Technical Content

- AkrPlayZone Backend API — NestJS, PostgreSQL, pgPL/SQL**
Developed a robust RESTful API backend for the AkrPlayZone platform using NestJS. Implemented JWT authentication, OTP verification, bcrypt password hashing, and role-based access control for security. Applied SOLID principles, DTOs, Pipes, and Guards to enforce clean architecture and maintainability. Integrated file upload and validation, email notifications (Mailer), and CORS handling for cross-platform support. Built pagination and query optimization for scalable data handling. Leveraged TypeORM with PostgreSQL & pgPL/SQL procedures for efficient database operations. [GitHub](#)
- AkrPlayZone Mobile App — Kotlin (Android), NestJS API, PostgreSQL.**
Developed an Android app for customers to browse activities, book reservations, and manage memberships. Implemented MVVM architecture for clean separation of concerns and scalability. Integrated with a NestJS API connected to PostgreSQL for secure data management. Used JWT authentication with SharedPreferences for token storage and session handling. Leveraged Retrofit for API communication. [GitHub](#)
- Inventory Manager — .NET Framework, C#, PL/SQL, SQL Server**
Built a desktop inventory management system with full CRUD operations, search capabilities, and role-based access control. Utilized ASP.NET Framework and SQL Server for backend database interactions. [GitHub](#)
- Indoor Playground Management System — Oracle 10g, HTML, CSS, JavaScript, PHP, AJAX**
Designed and implemented a database management system for an indoor playground. Developed modules for tracking equipment usage, customer bookings, and maintenance scheduling using PL/SQL procedures and triggers. [GitHub](#)
- Customer Dashboard for Computer Selling Company — Nuxt.js, Tailwind CSS, Laravel API**
Developed a responsive customer dashboard frontend using Nuxt.js integrated with a Laravel backend API. Features include product browsing, order tracking, and dynamic filtering with modern UI design. [GitHub](#)
- DashGallery – Full Stack Image Upload Dashboard — Vue.js, Tailwind CSS, Pinia, Laravel 11 API**
Built a full-stack web app for authenticated users to upload and display photos with descriptions. Used Laravel 11 for secure RESTful APIs and Vue.js with Pinia for state management. Features include token-based authentication, protected routes, image uploads, CORS handling, and production deployment. [GitHub](#)
- Removing Repeated Elements from an Array in C++ – Tutorial Video**
C++, Data Structures, Boolean Array Mapping
Created and published a YouTube tutorial explaining how to remove repeated elements from an array using a boolean array as a map. [YouTube](#)