

Md. Mostofa Hasib

Mohakhali DOHS, Dhaka, Bangladesh

Portfolio

+880-1747496866

hasibammostofahasib@gmail.com

GitHub

LinkedIn

EDUCATION

• Bachelor of Science in Computer Science and Engineering

2021-2025

American International University-Bangladesh

CGPA: 3.91/4

TECHNICAL SKILLS AND INTERESTS

Languages: C#, TypeScript, JavaScript, HTML, PHP, CSS, Python, Java, C/C++

Frameworks/Libraries: ASP.NET, Angular, NestJS, NextJS, NodeJS, Laravel, OOP, Bootstrap 5, TailwindCSS, Prisma, OAuth

Data Management: MySQL, PostgreSQL, MSSQL, Oracle, MongoDB

DevOps/Cloud: Azure, Coolify, CI/CD Pipelines, Virtual Machines (VM), Docker, Linux Server Deployment

Tools: Git, GitHub, Figma, Docker, Postman, Cursor, Claude AI, Codex

Cloud/Databases: MongoDB, PostgreSQL, SQL Server, Firebase

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Areas of Interest: Full Stack Development, AI/ML, Traveling, Sports, Fitness, Self-improvement.

Soft Skills: Problem Solving, Self-learning, Team Collaboration, Agile Development, Adaptability

EXPERIENCE

• Software Engineer

Nov 2025 - Present

Full-time Position

Wafi Solutions

- Developed end-to-end enterprise applications using ABP Framework (ABP.io) and ASP.NET across the SDLC.
- Built backend services with C#, ASP.NET Core, Web API, and Entity Framework following clean architecture.
- Designed and maintained PostgreSQL databases with a focus on performance and data integrity.
- Implemented responsive frontend features using Angular, TypeScript, and JavaScript.
- Applied OOP principles and collaborated in an agile team using Jira and Slack.
- Experienced with Claude/Cursor/Codex AI tools, actively used for development workflows at Wafi Solutions.

• Software Engineer

Mar 2025 - Present

Part-time Position

Gradmate.ai

- Worked on frontend development using Next.js and backend services built with Python (FastAPI), contributing to full-stack features.
- Focused on building scalable, efficient, and user-centric web applications within an agile development team.
- Experienced with Claude/Cursor/Codex AI tools, actively used for development workflows at Gradmate.ai also.

• Software Engineer

Aug 2025 - Present

Part-time Position

Cortify.ai

- Built an AI-powered platform for real-time transcription, meeting analysis, and AI coaching.
- Developed the desktop app, mobile app, and website for the platform.
- Integrated support for Zoom, Google Meet, Teams, Discord, and YouTube for seamless meeting capture.
- Tech Stack: Next.js, Electron, FastAPI, Supabase, Express.js, React Native, Flutter.

• Jr. Software Engineer

Apr 2025 - Nov 2025

Full-time Position

AlterSense Limited

- Developed and customized ERPNext modules using the Frappe Framework, including custom doctypes, workflows, and server/client-side scripts.
- Built custom Frappe apps to extend ERPNext functionality for client-specific business processes.
- Integrated ERPNext with third-party APIs and services, and handled data migration and import/export workflows.

• Full Stack Developer Intern

Oct 2024 - Mar 2025

Internship Position

Generation Next IT Solution Ltd

- Contributed to the development and enhancement of ERP modules including E-commerce, Bank Management, Stock, and Sales using ASP.NET, ASP.NET Core, and SQL Server.
- Built a desktop-based automated email reminder application using .NET Framework with SMTP integration.
- Designed and integrated Crystal Reports for dynamic and data-driven reporting across ERP systems.
- Assisted in deploying web applications to production servers and troubleshooting deployment issues.

PROFESSIONAL PROJECTS

- **NextX - B2B Enterprise Procurement Portal**

White-label technology purchasing platform for Next Technologies (Australia), enabling schools, enterprises, and NFPs to manage device procurement, pricing, and order tracking.

- Worked on core platform features for the NextX enterprise portal, including order management and pricing workflows.
- Technology Used: ABP Framework, ASP.NET Core, PostgreSQL, Azure DevOps. [Link](#)

- **nTouch - AI-Powered Hospitality PMS**

Property management system for hotels and serviced apartments covering reservations, housekeeping, billing, and AI-driven guest experience automation.

- Contributed to backend modules for reservation management, housekeeping coordination, and integrations.
- Technology Used: ABP Framework, ASP.NET Core, PostgreSQL, Azure DevOps. [Link](#)

- **SwiftAccessHub - Parking Management System**

Enterprise parking management system handling access control, slot allocation, and usage tracking.

- Developed core modules for parking access management and reporting.
- Technology Used: ABP Framework, ASP.NET Core, PostgreSQL, Azure DevOps.

- **GradMate.ai - AI-Powered Grad School Application Platform**

EdTech platform helping international students through every stage of the graduate admissions journey using AI-driven tools.

- Built frontend features with Next.js and backend services with FastAPI for AI-powered application tools.
- Technology Used: Next.js, FastAPI, PostgreSQL, Coolify. [Link](#)

- **Cortify - AI Communication Platform**

AI-powered platform for real-time meeting transcription, analysis, and coaching across desktop, mobile, and web.

- Built desktop, mobile, and web apps with integrations for Zoom, Google Meet, Teams, Discord, and YouTube.
- Technology Used: Next.js, Electron, FastAPI, Supabase, Express.js, React Native, Flutter. [Link](#)

- **AltrOps - Industrial ERP Platform**

End-to-end ERP solution for manufacturing, textile, and trading industries covering Finance, Procurement, Inventory, Production, HR & Payroll, and Commercial modules.

- Customized ERPNext modules and built custom Frappe apps for industry-specific workflows.
- Technology Used: Frappe Framework, ERPNext. [Link](#)

PERSONAL PROJECTS

- **Portfolio Website**

Personal site showcasing projects and skills with smooth UI.

- Interactive 3D portfolio website built with React.js and Three.js for enhanced user experience.
- Technology Used: React.js, Three.js, Vite. [GitHub](#)

- **GramBajar - E-commerce Platform**

Built a full-stack platform connecting farmers and consumers, ensuring fair pricing and fresh produce delivery.

- Developed a secure authentication system with JWT and NextAuth, integrated MongoDB with Mongoose for data management, and implemented email services using Nodemailer.
- Technology Used: Next.js, Express.js, JWT, NextAuth, OAuth, MongoDB, Mongoose, Nodemailer, Tailwind CSS, Shadcn UI, Rechart. [GitHub](#)

- **Sports Shop Management System (Desktop)**

User, product, and sales management system with a simple desktop UI.

- Built desktop application for comprehensive shop management with user-friendly interface.
- Technology Used: C#, SQL Server. [GitHub](#)

- **Book Review Site (Web)**

Platform for book reviews with user auth, upvotes.

- A review and rating site with fully API-based routes, featuring two user roles and token-based authentication for secure routing.
- Technology Used: ASP.NET, 3-tier architecture, SQL Server. [GitHub](#)

- **Event Booking System (Web)**

Full stack platform for browsing, booking, and managing events with role-based authentication and booking logic.

- Implemented secure JWT auth, role-based access (admin/user), and seat booking restrictions with real-time availability updates.
- Technology Used: Next.js, Tailwind CSS, NestJS, PostgreSQL, TypeORM. [GitHub](#)

- **Volunteer Coordination System (Web)**

Role-based access and authentication system for managing volunteers.

- Built scalable volunteer management platform with TypeScript and PostgreSQL.

– Technology Used: Node.js, NestJS, Next.js, TypeScript, PostgreSQL, Tailwind CSS. [GitHub](#)

- **Hands-On Volunteering Platform (Web)**

Web-based platform to manage and engage in volunteer activities with real-time updates.

– Users can register/login, sign up for events, track volunteer hours, and receive email notifications; admins can manage events and participants.

– Technology Used: React, Node.js, Express.js, PostgreSQL, Sequelize, JWT. [GitHub](#)

- **CookBook Connect (Web)**

Modern recipe sharing platform with user authentication, ratings, and interactive search.

– Users can create, edit, and share recipes, rate and favorite others' recipes, and search/filter by category, difficulty, and prep time.

– Technology Used: Next.js 15, TypeScript, Tailwind CSS, Prisma, SQLite, NextAuth.js, Swiper.js. [GitHub](#)

PUBLICATIONS

- **WristNet: A Novel Deep Learning Approach for Detecting Fractures in Wrist X-ray Images** 2026

Presented at the IEEE 2nd International Conference on Quantum Photonics, Artificial Intelligence and Networking (QPAIN 2026), CUET

–  [Link](#)

HONORS & AWARDS

- **Dean's List Honors** Fall 2023 & Spring 2023 - American International University-Bangladesh 2023

– Recognized for outstanding academic performance and excellence by being named to the Dean's List.

- **Academic Scholarship** American International University-Bangladesh (AIUB) 2021-2025

- **1st Runner-Up** AIUB Indoor Volleyball Tournament 2023

- **Rover Scouting** Bangladesh Scouts (Rover Scout) 2015-2019

- **Programming Contests** Participated in various intra-AIUB programming contests 2022-2024

CERTIFICATIONS & ADDITIONAL SKILLS

- **Associate Data Scientist (Python)** DataCamp - Completed comprehensive data science track 2024

- **IT Essentials Course** Cisco Networking Academy Program 2023