

Md Aminul Haque

Software Engineer

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🎯 Career Objective

Proficient software engineer with a knack for tackling diverse challenges and delivering quality solutions. Driven by a desire for perfection, I am determined to sharpen my skills and become a masterful practitioner in every aspect of my work.

⚙️ Skills

Languages: JavaScript • TypeScript • C# • Python • HTML • CSS

Backend Development: Node.js • Express.js • ASP.NET • Nest.js • RESTful APIs • JWT • Puppeteer • AWS S3

Frontend Development: React.js • Next.js • Redux Toolkit • RTK Query • Chakra UI • Tailwind CSS

Databases: MongoDB • Postgres • MySQL

Other skills: Data Structures • Algorithms • OOP • Leadership • Communication • Teamwork • Teaching

📁 Experience

Zolo Inc.

Software Engineer

Sep 2024 – Feb 2025

Dhaka, BD

- Developed and maintained full-stack web applications using Next.js for the front-end, ASP.NET for the backend, and PostgreSQL as the database.
- Collaborated with cross-functional teams to deliver scalable ERP systems tailored to business needs.
- Optimized database queries and schema design in PostgreSQL for high-performance data processing and storage.
- Optimize and modernize legacy codebases to improve performance, security, and long-term maintainability across multiple projects.

Thinkcrypt.io

Software Engineer

Oct 2023 – Sep 2024

Dhaka, BD

- Responsible for crafting, deploying, and maintaining web applications while enhancing the company's coding standards and ethical guidelines.
- Worked on single and multi-vendor e-commerce, Flight ticketing, Event Management platform, POS, inventory management, Portfolio, CMS, and ERP applications etc.
- Developing frontend and backend functionalities for web applications utilizing the MERN stack.
- Handle various responsibilities, such as enhancing and extending existing codebases, as well as spearheading the development of new projects from inception.

Fiverr

Freelance Web Developer

Jan 2020 – Present

Remote

- Built websites and web apps with a focus on responsive design.
- Managed client requirements and delivered projects on time.
- Integrated APIs, payment gateways, and CMS.
- Maintained a 5-star rating for quality and communication.

</> Projects

ByteLab - Edu Platform (Next.js | Nest.js | PostgreSQL | Prisma | Shadcn)

[Production..](#)

- Full-featured education platform with a role-based CMS for instructors, students, and parents, offering class creation, scheduling, note sharing, and attendance tracking.

- › Built with a modern, scalable architecture using Next.js (frontend), Nest.js (backend), PostgreSQL, and Prisma for reliable performance.
- › Integrated secure payment system via SSLCommerz and automated email notifications using Nodemailer.
- › Centralized state management with Redux Toolkit and a public-facing website for visitor engagement and promotions.

Eventpro - Ticketing Platform (Next.js | Express.js | MongoDB | Redux Toolkit)

[Demo..](#)

- › An Highly Responsive, User-friendly Event Ticketing platform with separate CMS for agencies and admin, and an event CRM for creating and managing events, transaction and tickets.
- › Led the entire project lifecycle from initial planning and system design to full-stack development, including both frontend and backend components.
- › Integrated SSLcommerz as the payment gateway to facilitate secure online transactions and implemented PDF ticket generation with Puppeteer, incorporating email notifications with attached tickets using Nodemailer.
- › Enabled user-friendly ticket purchasing for registered and guest users, with options to download tickets directly from the platform.

Shohoz Air (React.js | Express.js | Sequelize | Joi)

[Production..](#)

- › Contributed to integrating external flight API services.
- › Worked on the flight booking, reissuing, refunding, and payment systems.
- › Developed advanced flight data filtering, a dynamic Markup system, and a complete payment pipeline.
- › Built the backend and admin CMS for the platform.

Bazar365 (Next.js | TypeScript | Chakra Ui | Redux Toolkit | Framer Motion)

[Production..](#)

- › Contributed to an e-commerce solution to enhance user engagement and performance.
- › Used Next.js, TypeScript, Chakra UI, for a responsive interface with customizable dark mode and fluid animations.
- › Integrated APIs and managed state with Redux toolkit.
- › Crafted visually appealing UI components to enhance the overall user experience.

Scary Pacman (HTML | CSS | JavaScript)

[Play Here..](#)

- › This is a simple JavaScript-based game, inspired by Pacman and Snake game. It is developed using HTML, CSS, and JavaScript.

Education

University of Wollongong

Master of Machine Learning and Big Data

Mar 2025 – Present
Wollongong, NSW, AU

Brac University

BSc in Computer Science and Engineering ; CGPA: 3.87 out of 4.00

2019 – 2022
Dhaka, BD

Research

Waste Detection and Classification using Computer Vision Techniques

Jan 2022 – Dec 2022

Undergraduate Thesis

- › Worked along with **Md. Aminul Islam** and **Prabal Kumar Chowdhury** under the supervision of **Asst. Professor Md. Ashraful Alam, PhD** to automatically detect and classify recyclable waste in real-time using deep learning techniques based on Computer Vision.