

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: Java · Python · JavaScript · TypeScript · HTML · CSS

Backend Development: Node.js · Express.js · RESTful APIs · JWT

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

Databases: MongoDB · MySQL

Other skills: Data Structures · Algorithms · Relational Database · Object Oriented Programming · Functional Programming · Leadership · Communication · Deep Learning · Computer Vision · Teamwork · Teaching

📁 Experience

Thinkcrypt.io

Software Engineer

Oct 2023 – Present

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, POS, inventory management, Portfolio, CMS, and ERP applications.
- > 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.

Department of Computer Science and Engineering, BRAC University

Student Tutor / Teaching Assistant

Feb 2022 – Dec 2022

Dhaka, BD

- > Taught Python language, Data Structures to students.
- > Assisted hundreds of students each semester by resolving their academic doubts and issues.
- > Taught over 200+ Students individually.

</> Projects

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.

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.

YumCart - Food Ordering Website (React.js | Tailwind CSS)

[Demo..](#)

- > This is the front-end of a RESPONSIVE, simple food ordering website, developed with React and Tailwind.
- > Users can filter out the food items by categories and price.
- > Utilized React hooks like useState().

Babbu Toy Shop - Simple e-commerce Website (React.js | CSS)

[Demo..](#)

- > This is the front-end of a simple e-commerce website, developed with React and CSS.
- > Utilized concepts Like Routing (React Router Dom), useContext() to manage state globally.
- > Users can add multiple items to the cart, review and remove items from the cart, and see the final price.

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

Brac University

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

2019 – 2022

Dhaka, BD

B.N. School & College

Higher Secondary School Certificate (H.S.C) ; GPA: 4.17 out of 5.00

2016 – 2018

Chattogram, BD

B.N. School & College

Secondary School Certificate (S.S.C) ; GPA: 5.00 out of 5.00

2006 – 2016

Chattogram, 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.

Honors & Achievements

Academic Distinction

BRAC University

Jan 2020 – Dec 2022

- > VC's List and Dean's List

Merit-Based Scholarship

Jul 2020 – Dec 2022

BRAC University

- > Received this scholarship from BRAC University for academic excellence, from the fifth semester to the last semester, a total of eight consecutive semesters.