Md Aminul Haque

Software Engineer

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◎ Career Objective

As a software engineer, I am eager to apply my knowledge and skills in programming and software development to a challenging role in a dynamic and innovative organization. I am a team player and a quick learner. Always in search of knowledge to make myself better in what I do.

🎓 Education

Brac University   2019 – 2022
BSc in Computer Science and Engineering ; CGPA: 3.87 out of 4.00   *Dhaka, BD*

B.N. School & College   2016 – 2018
Higher Secondary School Certificate (H.S.C) ; GPA: 4.17 out of 5.00   *Chattogram, BD*

B.N. School & College   2006 – 2016
Secondary School Certificate (S.S.C) ; GPA: 5.00 out of 5.00   *Chattogram, BD*

💼 Experience

Thinkcrypt.io   Oct 2023 – Present
Jr. Software Engineer   *Dhaka, BD*

> Accountable for constructing and upkeeping high-quality web applications utilizing Next.js, TypeScript, and Chakra UI.

> Developing reusable code and libraries to streamline future development.

> Employing Postman for API endpoint testing and documenting exceptions to maintain development standards.

Department of Computer Science and Engineering, BRAC University   Feb 2022 – Dec 2022
Student Tutor / Teaching Assistant   *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

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.

⚙ Skills

Languages: Java · Python · JavaScript · TypeScript · HTML · CSS · SQL · LaTeX   **Technologies:** React · Git · MVC

Softwares: Microsoft Office · Adobe After Effects · Photoshop · Illustrator · Lightroom

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

🔍 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.

👥 Volunteering Experience

Brac University Computer Club   Feb 2019 – Aug 2021
Senior Executive of Event Management   *Dhaka, BD*

> Worked as a volunteer and organized multiple events.
> Contributed to the development of the official website of the club.

Brac University Art & Photography Society   Feb 2019 – Sep 2021
Director of Marketing & Press Release   *Dhaka, BD*

> Successfully coordinated and supervised a number of promotional campaigns for university-wide and intra-university events.
> Worked as an instructor in multiple workshops related to graphic designing and motion graphics.

Bracu Express   Oct 2019 – Feb 2021
Photographer   *Dhaka, BD*

> Worked as an official photographer in this monthly newspaper of Brac University.
> Photographed multiple events, seminars, and festivals.