Sajib Rafi Hossain

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Education

Queens College, City University of New York — **Expected May 2027**
Bachelors in Computer Science, Minor in Mathematics — *Queens, New York*

Technical Skills

Languages: **Intermediate** Python · JavaScript · **Beginner** C++ · Java · **Proficient** HTML · CSS

Technologies/Frameworks: React.js · Next.js · JQuery · Firebase · OpenAI API

Relevant Coursework

- Algorithmic Problem Solving, Object Oriented Programming, Discrete Structures, Comp Org & Assem Lang

Experience

Headstarter AI — **July 2024 – September 2024**
Software Engineering Fellow — *Remote*

- Engineered and deployed **5** AI-powered web applications, targeting scalability and user growth.
- Led a team in developing full-stack web applications using Next.js, React, Firebase, and other technologies, reducing development time by **30%** through implementing modular components and CI/CD workflows.
- Optimized workflows, enhancing project delivery speed, ensuring seamless integration of modern web technologies like OpenAI, Pinecone, Stripe, and Clerk auth.

CodePath — **September 2023 – April 2024**
Web Developer Fellow — *Remote*

- Expanded proficiency in web development technologies, including HTML, CSS, JavaScript, and React.js, through intensive training and project-based learning.
- Integrated API calls into the website, utilizing frameworks to fetch data and parse JSON responses from an unfamiliar API.
- Facilitated team-based coding sessions, optimizing project delivery times through effective code reviews and pair programming.

CTE Industry Scholars Program — **February 2023 – April 2023**
Web Developer Intern — *Remote*

- Designed and developed a dynamic website using HTML, CSS, and JavaScript to showcase an author and influencer's radio show, books, and events.
- Increased site visits and gained a **15%** boost in product purchases by improving user experience and implementing optimized design strategies.
- Worked closely with the media team to align digital content and visual elements, ensuring cohesive branding and promotional success.

Projects

Web Development Portfolio — **HTML, CSS, JavaScript**

- Featured a diverse range of projects, including AI-powered applications, inventory management systems, and user-focused tools, highlighting skills in full-stack development.
- Enhanced project responsiveness, ensuring seamless user experiences across all device sizes, resulting in a significant increase in mobile engagement.

Infosys App Challenge — **Figma, UX/UI Design**

- Won the Infosys App Challenge for designing an intuitive app prototype using Figma, where user experience, functionality, and potential impact were judged as top criteria.
- Led UX/UI development, improving app functionality and user satisfaction, making it more impactful.

Certifications/Awards

- ∗ IT Specialist- HTML and CSS Certification
- ∗ EVERFI Financial Literacy Certificate
- ∗ Wells Fargo Software Engineering
- ∗ 100+ Hours of Community Service
- ∗ Winner of Infy App Challenge

Provost Scholar — **August 2023 - Present**