

# SAJIB RAFI HOSSAIN

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## Education

### Queens College

Bachelors in Computer Science, Minor in Mathematics

August 2023 - May 2027

Queens, New York

### Relevant Coursework

- Intro to Algorithmic Problem Solving, Object Oriented Programming, Discrete Math, Linear Algebra, Discrete Structures, Comp Org & Assem Lang

## Experience

### Headstarter AI

July 2024 – September 2024

Software Engineering Fellow

Remote

- Engineered and deployed multiple AI-powered web applications, targeting scalability and user growth.
- Led a team of 2 fellows in developing full-stack web applications using Next.js, React, Firebase, and other technologies, resulting in a decrease in development time.
- 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.
- Successfully 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

March 2023 - Present

- Featured projects completed using HTML, CSS, JavaScript, Next.js, React, C++, Java, Python.
- Optimized 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

March 2022 - June 2022

- 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.

## Technical Skills

**Languages:** Python, JavaScript, C++, Java, HTML/CSS

**Developer Tools:** VS Code, Replit, GitHub, Vercel, Figma

**Technologies/Frameworks:** React.js, Next.js, JQuery, Firebase, OpenAI

## 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