# SAMIN CHOWDHURY

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## OBJECTIVE

Seasoned Software Engineer with 3+ years of experience. Skilled in building responsive web applications using modern front-end stacks like React, JavaScript, and Figma. Seeking to drive user growth and revenue through impactful product development and cross-functional collaboration.

## EDUCATION

**Bachelor of Computer Science**, Queens College                                                        May 2025

## SKILLS

**Technical Skills**     JAVA, JavaScript, Python, C++, HTML, CSS, SQL (MySQL, PostgreSQL, MS SQL)
**Tools/Frameworks** VS Code, IntelliJ, Eclipse, GitHub, SQL Server Management Studio, Bootstrap, Tailwind CSS, jQuery, React, Express, Node.js, EJS, Postman

## EXPERIENCE

**Software Engineer**                                                                              Jul 2024 - Present
Exponent Solutions                                                                                *Greater NYC*
- Developed responsive web apps using HTML, CSS, JavaScript, and React, improving UX and helping drive a 10% increase in lead conversion.
- Collaborated with product and engineering teams to streamline workflows, speeding up feature delivery by 20%
- Prototyped UI designs in Figma for all client proposals, leading to 45% proposal success rate.

**Software Engineer**                                                                             June 2024 - Jul 2024
Headstarter                                                                                        *LI, NY*
- Developed an ATS resume parser using HTML, CSS and JavaScript, improving recruitment efficiency by **30%**.
- Led frontend design and API integration for a dynamic weather app enhancing usability by **40%** and reducing load times by **25%** using AWS and Firebase.

**Software Engineering Tutor**                                                                    Jan 2023-May 2023
Queens College / CSCI 111/211                                                                      *Queens, NY*
- Instructed 15+ students in algorithmic concepts and problem-solving techniques, improving their coding proficiency by **30%**.
- Designed mock coding interviews using LeetCode-style problems, leading to **25%** improvement in students' performance on technical assessments.

## PROJECTS

**AlumniStalker.** Engineered and deployed a **full-stack web app** using **OpenAI's vo.dev, Node.js, and serverless functions** to **extract** LinkedIn-like data, enabling **real-time** alumni discovery by college and company. Designed **RESTful APIs** and integrated dynamic search with Vercel for **low-latency** performance, leveraging **React, Next.js, and Tailwind** for a responsive, **production-grade UI**.
(Try it here!)

**GalleryWave.** Developed a **React application** that fetches and displays images from the **Pixabay API**, integrating **real-time search** for a seamless user experience. Leveraged **Tailwind CSS** to create a **responsive and visually appealing interface** while optimizing API calls to ensure **efficient performance**.
(Try it here!)

**JustToDo.** Built a task management application using **React, Next.js, and Tailwind CSS**, allowing users to add, manage, and track tasks with a clean and **responsive UI**. **Integrated** state management with useState to handle task updates dynamically, **enhancing user experience**.
(Try it here!)

## EXTRA-CURRICULAR ACTIVITIES

- Actively participated in QC club **Code.Resolve()**, engaging in **LeetCode workshops, system design sessions, and mock interviews** to enhance problem-solving and technical skills.
- Achieved **Top 3 ranking** in the final proposal project for **CodePath's Cyber Security program**, completing it with **honors**.