

# Hasib Rahman Shaif

📍 New York, NY • ✉ hasibshaif1@gmail.com • ☎ (929) 374-5110

🌐 <https://www.linkedin.com/in/hasib-shaif> • 🌐 <https://github.com/hasibshaif> • 🌐 <https://www.hasibshaif.us>

## EDUCATION

**Baruch College, Weissman School of Arts and Sciences**

*Expected Graduation: December 2026*

Bachelor of Science in Computer Science

Minor in Mathematics, Minor in Statistics & Quantitative Modeling

**Cumulative GPA:** 3.4/4.0

**Dean's Honors List** (05/2023, 09/2023, 01/2024)

**Relevant Courses:** Data Structures & Algorithms, Object Oriented Programming in C++, Software Engineering, Web Engineering, Databases, Operating Systems, Computer Architecture, Computer Networking, Discrete Math, Calculus I & II, Probability

## EXPERIENCE

**Addinex Technologies – Software Engineer Intern**

*05/2025 – Present*

- Developed a full-stack clinician and research portal with a responsive **Next.js** frontend and distributed **Nest.js** backend, enabling live tracking of opioid dispensing and user adherence across **5** clinical studies.
- Containerized microservices with **Docker** and configured **CI/CD pipelines**, reducing deployment time by **70%** and enabling automated testing and integration of healthcare protocols and prescription records.
- Implemented core features for *Pillquin*, a redesigned prototype user-facing **React Native** app, replacing Addinex's legacy platform to enhance user experience and support secure, scheduled medication access for **100+** patients.
- Built and validated HIPAA-compliant APIs using **Postman** to collect usage metrics for clinician decision support.

**CodePath – Tech Fellow & Teaching Assistant**

*05/2024 – 05/2025*

- Mentored **150+** students in **Python** and Leetcode problem-solving for technical interviews (TIP 101).
- Guided **200+** students in building personal websites with **HTML**, **CSS**, **JavaScript**, and **Bootstrap** (WEB 101).

**Cobalt Speech & Language – Software Engineering Intern**

*09/2024 – 04/2025*

- Refactored **Next.js/TypeScript** codebase for the company website, resolving **300+** type inconsistencies, improving **React** component reusability, reducing runtime errors by **90%**, and strengthening brand perception.
- Pioneered prototype development of *Suade*, a feature-rich **React Native** app integrating **AWS IVS** for livestreams, **Neo4j** for graph-based user profiles, and leveraging Cobalt's proprietary AI for intelligent content delivery.
- Engaged with the data science team via **Agile/Jira** to visualize complex ML data, securing a **\$5k** investment through demos.
- Constructed cloud infrastructure using **AWS Lambda** functions, **S3**, and **EC2** to support ML pipelines and future scalability.
- Designed **15+** data visualizations with **D3.js**, **Observable**, and 3D models (**Spline**, **Blender**, **Three.js**) to boost engagement.

**Metropolitan Transportation Authority – Software Engineering Intern**

*12/2024 – 02/2025*

- Overhauled a manual, paper-based payroll adjustment system for hundreds of employees with an automated **Next.js** digital timesheet platform, reducing processing time and resource usage by **60%** and cutting payroll errors by **80%**.
- Designed and implemented a **RESTful API** using **Node.js**, backed by a **PostgreSQL** database to securely store and access **1,200+** employee records, with role-based access control and policy-compliant architecture.
- Enabled seamless **CRUD** operations and advanced **SQL** queries, accelerating manager approvals by **100%** and integrating with MTA's existing payroll infrastructure for long-term scalability.

## PROJECTS

**Portfolio Website** | Skills: *Next.js, React.js, TypeScript, Motion, Tailwind CSS, shadcn/ui*

- Created a responsive personal hub to showcase skills, education, experiences, projects, and contact information.

GitHub repository: <https://github.com/hasibshaif/Portfolio-Website>

**AI Resume Tailor** | Skills: *Python, Flask, OpenAI, AWS S3/IAM, Next.js, TypeScript, Tailwind CSS, Motion, Render, Vercel*

- Built an AI resume tailoring app with a **Flask** backend to parse, customize with **OpenAI**, and serve **RESTful** endpoints.
- Designed a modern **Next.js**, **TypeScript**, and **Tailwind CSS** frontend, featuring animated interactions using **Motion**.
- Implemented secure file management with **AWS S3/IAM** and scalable deployment pipelines using **Render** and **Vercel**.

GitHub repository: [https://github.com/hasibshaif/tAIlor-AI\\_Resume\\_Tailor](https://github.com/hasibshaif/tAIlor-AI_Resume_Tailor)

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

**Baruch Full Stack (BFS) – Co-Founder**

*01/2025 – Present*

- Co-founded Baruch's premiere project-driven software engineering club, cultivating growth for aspiring tech professionals.
- Directed development of full-stack applications for other student organizations, businesses, and other Baruch-affiliated entities.

**Technology Leadership Development Program (TLDP) – Technology Student Leader**

*08/2024 – 05/2025*

- Selected as **1 of 35** Baruch students for a year-long enrichment program to hone technical and soft skills with professionals.
- Gained hands-on experience working on technical projects with tools like **Python**, **SQL**, and **PowerBI**.

## SKILLS

**Programming Languages/Frameworks:** Python, JS, TS, React.js/React Native, Next.js, Nest.js, C++, SQL, HTML, CSS, Bootstrap

**Tools/Platforms:** Git, GitHub, AWS, MongoDB, Langchain, Pandas, Matplotlib, D3, Jupyter, OpenAI, Excel, PowerBI, Tableau

**Design:** Figma, Spline, Blender, Adobe Photoshop, Adobe Premiere Pro, DaVinci Resolve, Canva

## AWARDS & RELEVANT CERTIFICATIONS

**Forage** - [JPMorgan SWE Job Simulation](#); **Google** - [Cybersecurity](#); **Harvard** - [CS50x](#); **CodePath** - [WEB 101](#);