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

CUNY Baruch College, Weissman School of Arts and Sciences   **Expected Graduation**: December 2026
Bachelor of Science in Computer Science | Double Minor in Mathematics and Statistics & Quantitative Modeling
GPA: 3.41/4.0
Relevant Courses: Data Structures & Algorithms, Operating Systems (Linux/Unix), Object-Oriented Programming (C++), Databases, Software Engineering, Cybersecurity, Web Engineering, Computer Networking, Linear Algebra, Probability

PROFESSIONAL EXPERIENCE

Software Engineer Intern   05/2025 – Present
Addinex Technologies   *New York, NY*
- Developed full-stack clinician web portal (Next.js frontend, Nest.js backend) to track patient adherence across 5 studies.
- Reduced deployment times 70% by containerizing microservices with Docker and setting up CI/CD via GitHub Actions.
- Enhanced UX for 100+ patients by implementing features for a React Native prototype replacing a legacy app.
- Built and tested HIPAA-compliant REST APIs using Postman to collect usage metrics for medical decision support.

Software Engineer & Project Management Intern   09/2024 – 04/2025
Cobalt Speech & Language   *New York, NY*
- Cut runtime errors by 90% by refactoring a Next.js/TypeScript codebase and integrating Redux for state management.
- Led Agile sprint planning and roadmap development in Jira, aligning MVP features with stakeholder priorities.
- Secured $12.5K investment in seed-stage venture by visualizing ML data with D3.js for investor presentations.
- Built scalable AWS infrastructure (Lambda, S3, EC2) to support efficient product launches and long-term growth.

IT Systems Analyst Intern   12/2024 – 02/2025
Metropolitan Transportation Authority   *New York, NY*
- Consulted HR to analyze existing payroll workflow and led a system redesign to align with compliance and audit needs.
- Performed risk analysis on a 1200+ user system to identify data exposure, downtime threats, and author mitigation plans.
- Cut processing time by 60% and errors by 80% by building a Next.js/PostgreSQL platform with SQL CRUD operations.
- Coordinated with stakeholders to draft SOPs and ensure seamless integration without payroll disruptions.

LEADERSHIP & EXTRACURRICULARS

Co-Founder - *BFS (Baruch Full Stack)*   01/2025 – Present
- Established Baruch's premiere SWE club; secured charter, grew membership, and led full-stack app dev for student orgs.

Member - *ALPFA (Association of Latino Professionals For America)*   01/2025 – Present
- Engaged in professional development programming and networking events across business and technology.

PROJECTS

Transportation Data Science Project - *Northeast Big Data Innovation Hub & U.S. DOT Fellowship*
- Cleaned and processed 2.3M+ NYC traffic records with Python and Pandas to develop road safety recommendations.
- Built 17 visualizations (Matplotlib, PowerBI); used time series and geospatial analysis to uncover 50+ accident hotspots.
GitHub repository: https://github.com/hasibshaif/NEBDHub-Transportation-Data-Science-Project

AI Resume Tailor - *Personal Project*
- Built Flask backend, served RESTful endpoints, and used AWS S3/IAM file management for AI resume customizations.
- Designed Next.js/TypeScript frontend with Tailwind and Motion; integrated CI/CD pipelines via Vercel and Render.
GitHub repository: https://github.com/hasibshaif/AI-Resume-Tailor

SKILLS

Programming/Markup Languages: Python, C++, JavaScript, TypeScript, SQL, HTML, CSS
Frameworks/Dev Tools: React.js, Next.js, Node.js, Nest.js, React Native, Bootstrap, Git, GitHub, Docker, Postman, Jupyter
Data/Cloud: Pandas, NumPy, Matplotlib, D3.js, PowerBI, Tableau, Excel, AWS (Lambda, S3, EC2), PostgreSQL, MongoDB
Collaboration/Design: Agile, Scrum, Kanban, Jira, Microsoft Office, Figma, Adobe Creative Suite (Photoshop, Premiere Pro)

AWARDS & RELEVANT CERTIFICATIONS

Google - [Agile Project Management](#) (07/2025), [Cybersecurity](#) (06/2024); **Forage -** [JPMorgan SWE Simulation](#) (08/2024);
Harvard - [CS50x](#) (05/2024); **CodePath -** [WEB 101](#) (04/2024); **Baruch -** Dean's Scholars (01/2024, 09/2023, 05/2023)