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 New York, NY
Bachelor of Science in Computer Science, Minor in Mathematics *Expected Graduation: Dec 2026*
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

SKILLS

Programming/Markup Languages: Python, C++, JavaScript, TypeScript, SQL, R, HTML, CSS
Frameworks/Dev Tools: React.js, Next.js, Express.js, Node.js, Bootstrap, Git, GitHub, Bash, 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)

PROFESSIONAL EXPERIENCE

Addinex Technologies New York, NY
Software Engineer Intern *May 2025 - Aug 2025*
- Developed full-stack clinician web portal (Next.js frontend, Express.js backend) to track patient adherence in 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

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

Metropolitan Transportation Authority New York, NY
IT Systems Analyst Intern *Dec 2024 – Feb 2025*
- 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

Baruch Full Stack (BFS) - *Co-Founder* *Jan 2025 – Present*
- Established Baruch's premiere SWE club; secured charter, gained 100+ members, and led full-stack app development

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

PROJECTS

JPMorganChase Code for Good Hackathon 2025 - *IMPACTLink* Plano, TX
- Built a cross-platform app using React Native, Firebase, and AWS to connect children to athletes via role-based profiles
- Implemented smart calendars, in-app chat, WhatsApp integration, and engagement tracking to enhance communication
- Automated outreach and alumni engagement workflows, reducing manual contact tracking and improving scalability

Northeast Big Data Innovation Hub & U.S. DOT Fellowship - *Transportation Data Science Project* New York, NY
- 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

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)