

Shamaamah Ahmad

347-937-0351 · shamaamah.ahmad@gmail.com · [linkedin.com/in/shamaamah-ahmad](https://www.linkedin.com/in/shamaamah-ahmad) · github.com/shamaamahh

EDUCATION

New York University

New York, NY · May 2025

Bachelor of Arts in Computer Science

EXPERIENCE

Frontend Developer Intern | *Catalyzing Innovation*

New York, NY · Dec 2025 – Present

- Architected and shipped React + TypeScript UI improvements to the Catalyzer platform based on Figma designs, reducing user-reported navigation friction across key workflows
- Collaborated cross-functionally with design and product to redesign core web platform features, improving responsiveness and visual consistency across device sizes
- Translated faculty-directed UX feedback into actionable component-level changes, accelerating iteration cycles within an Agile sprint framework

Payroll & Data Analyst | *Shak Mack Inc.*

Staten Island, NY · Mar 2024 – Dec 2025

- Automated payroll reporting and compliance tracking workflows using Excel macros and formula-driven dashboards, reducing manual processing time by ~40%
- Built and maintained QuickBooks dashboards for multiple clients providing real-time visibility into payroll, tax payments, and compliance status
- Reconciled and analyzed large financial datasets to surface discrepancies, ensuring accuracy across client accounts

Project Manager | *Non-Profit Organization*

New York, NY · Feb 2025 – Jun 2025

- Delivered 100% of high-priority features on schedule by leading cross-functional teams through Agile Scrum, facilitating stand-ups, sprint planning, and retrospectives
- Reduced requirement ambiguities by 35% by translating user stories into actionable development tasks across the engineering team
- Improved team productivity by 25% via backlog refinement, sprint goal setting, and continuous improvement processes

Market Research Intern | *Mobalytics*

Remote · May 2024 – Jun 2024

- Analyzed 10,000+ data points on player behavior and gaming industry trends to identify high-impact engagement and retention metrics
- Delivered data-driven UX improvement recommendations that directly informed feature prioritization for the product roadmap

PROJECTS

Flight Sense — *React · Flask · Leaflet.js · SQLite · AviationStack API*

- Built a full-stack flight tracker integrating the AviationStack API for real-time status updates with timezone-aware handling and interactive Leaflet.js airport route visualization
- Deployed RESTful Flask backend on Render with SQLite for persistent search history; pickup mode toggle calculates smart arrival times based on flight ETA + user travel time

Contextify — *React · React Native · Tailwind CSS · REST APIs*

- Developed a cross-platform currency converter contextualizing global purchasing power by region, with shared React/React Native codebase, dark mode, and API fallback handling
- Implemented responsive design across web (React + Tailwind) and mobile (React Native), maximizing code reuse and consistent UX across platforms

Student Study Tracker — *Python · Flask · MongoDB · HTML/CSS*

- Led frontend development for a team-built study session tracker; designed responsive UI with session-based state management to improve user engagement
- Contributed to Flask/MongoDB backend supporting user authentication and persistent session history across a multi-developer Agile team

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, HTML, CSS, C, C++, Java

Frameworks & Libraries: React, React Native, Flask, Tailwind CSS, Leaflet.js, PyTorch

Tools & Platforms: Git, GitHub, GitLab, MongoDB, SQLite, AWS, Jira, Figma, REST APIs, Agile/Scrum