

Jack Shomer

Software Engineer

📍 Brooklyn, NY ✉️ Jackshomer98@gmail.com ☎️ 718-496-8692 🌐 Personal Portfolio 🔗 LinkedIn 🐙 GitHub

Overview

Motivated and detail-oriented Software Engineer with a strong foundation in programming and software development. Skilled in building full-stack applications, collaborating in team environments, and leveraging a diverse technical skill set. Passionate about learning new technologies, solving challenging problems, and contributing to innovative projects that make an impact.

Technical Skills

Programming Languages — Python | JavaScript | TypeScript | C++ | Java | HTML/CSS | C

Libraries/Frameworks — React/React Native | Node.js | Next.js | Flask | Django | Angular | TailwindCSS | Material-UI

Tools & Technologies — MongoDB | SQL | Git/GitHub | RESTful APIs | Postman | UI/UX Development | Machine Learning (TensorFlow, PyTorch) | Data Analytics (Pandas, NumPy, Excel) | Docker | AWS S3 | Jest | CI/CD | Vercel | Google Cloud Console

Professional Experience

- Nap York, Software Engineer** Jan 2025 – present | New York City
- Led Development of Self-Check-in App: Rebuilt the frontend from scratch using React (Vite/JSX) with an intuitive Material-UI design, improving site by 10x, seamlessly integrating MEWS, AWS S3, and MongoDB for automated check-ins, identity verification, and document storage
 - Revamped Email System with MJML: Replaced inefficient 10,000+ line HTML email templates with modular MJML templates, improving maintainability, branding, and performance by 50x.
 - Implemented Automated UI Testing: Introduced Jest-based frontend testing to validate user interactions, ensuring a bug-free, scalable experience across devices.
 - Designed for Future Scalability: Engineered the app for multi-city expansion, enabling rapid deployment as Nap York grows.
- AppliedABC, Software Engineer/Technical Consultant** Sep 2023 – Nov 2024 | Brooklyn
- Collaborated with Product, UX, and senior leadership to align technical goals with business objectives, ensuring seamless communication and successful delivery of key initiatives.
 - Delivered software solutions for thousands of schools, driving measurable improvements in user engagement and operational efficiency
 - Diagnosed and resolved critical bugs, optimized pipelines, and implemented robust testing practices, enhancing the software's reliability and deployment efficiency.
- Atidaynu Our Future School, Coding Teacher** Sep 2023 – Nov 2024 | Brooklyn
- Specialized in teaching computer skills and basic coding to students with autism, using tailored approaches to meet diverse learning needs.
 - Proven ability to maintain a supportive and effective learning environment, even under stress, ensuring all students achieve their potential.
 - Skilled in recording and organizing student data, demonstrating attention to detail and efficiency in managing information.
 - Strong communication and collaboration skills, excelling in team settings and adapting to diverse personalities and dynamics.
- Adjmi Apparel, Data Analyst** Jan 2021 – Aug 2023 | New York City
- Analyzed datasets for Adjmi Apparel, a global wholesale leader with \$500M+ in annual revenue, supporting operations for 100+ retail partners.
 - Developed data-driven insights for the CFO, enabling strategic decisions that saved \$1M in costs and boosted revenue
 - Streamlined reporting processes, cutting preparation time by 50%, improving decision-making and operation efficiency.
 - Collaborated with logistics team to manage tight shipping schedules (24-48 hours), ensuring seamless inventory flow and customer satisfaction.

Education

Brooklyn College, Computer Science Sep 2021 – May 2025 | Brooklyn

Coursework: Intro to Programming Using Java | Intro to Modern Programming Techniques | Data Structures | Discrete Structures | Principles of Computer Architecture | Programming Paradigms in C++ | Operating Systems | Design & Implementation of Large-Scale Web Apps | Analysis of Algorithms | Computers & Ethics | Artificial Intelligence | Human-Computer Interaction | Exploring Robotics | Multimedia Computing | Calculus 1 & 2 | Probability & Statistics

GPA: 3.3

Projects

- AppTrack, <https://github.com/jsho982045/AppTrack>** Dec 2024 – present
- Automated Job Tracking with Gmail API & MongoDB: Developed a system for structured job application storage, streamlining tracking and retrieval.
 - OAuth Authentication for Seamless Access: Integrated Google Console OAuth, enabling secure, auto-updating email access without repeated logins.
 - NLP-Powered Data Extraction: Used Natural Language Processing (NLP) to parse key job details (position, company, date) from 200+ labeled emails.
 - Dynamic Frontend Prototype: Built an interactive React-based UI with real-time backend data, ensuring a smooth, user-friendly experience.