

Skills & Interests

Languages: TypeScript, Python, Java, Ruby, C++, SQL
Frontend: React, Redux, Next.js, Svelte, Tailwind
Backend: FastAPI, Flask, Node.js, Java SpringBoot, Ruby on Rails, PostgreSQL, MongoDB
Cloud/DevOps: AWS, Kafka, Docker, GitHub Actions
Testing: Selenium, Playwright, Jest
Interests: Music, Photography, Cars, Tech, Engineering, Hiking

Work Experience

Sumitomo-Mitsui Banking Corporation **New York, NY**
Software Engineer **Jul 2025 - Present**

- Build React/Redux component library and state management for complex banking platform.

Sumitomo-Mitsui Banking Corporation **New York, NY**
Software Engineer Intern **Jun 2024 - Aug 2024**

- Architected full-stack microservices feature handling 10,000+ daily transactions.
- Built and deployed the feature with React/Redux frontend and Java Spring Boot backend, implementing event-driven architecture with Apache Kafka for reliable message processing.

Homer, LLC. **New York, NY**
Lead Software Developer **April 2024 - Jan 2025**

- Translated Coast Guard requirements into specs for Calypso, Homer's cargo risk assessment platform
- Spearheaded design, development, and deployment Calypso's full-stack web interface in React, TypeScript, FastAPI, and PostgreSQL, enhancing usability and adoption across inspection teams.
- Led bi-weekly sprints for a 4-developer team, ensuring timely delivery of MVP and features.
- Boosted Coast Guard inspection accuracy by 300% by integrating Calypso with its ML pipeline for predictive cargo risk modeling.

Thingee Corporation **Remote**
Software Developer Intern **Jan 2023 - Aug 2023**

- Developed 22 features across Thingee's software, encompassing both ROR as well as Svelte and AWS powered applications, in alignment with feature SRSs.
- Completed 40+ issues squashing bugs in, maintaining, and updating Thingee software and codebases.
- Resolved 4 urgent hotfixes within an hour each, employing effective communication with the team throughout both the software development and debugging process.
- Designed and implemented 2 custom scripts to migrate data safely within AWS DynamoDB.
- Established a comprehensive test suite foundation for Thingee's web application with Playwright.
- Revised codebase documentation to facilitate onboarding of developers and project maintenance.

Numerix, LLC. **New York, NY**
QA Engineer **May 2022 - Aug 2022**

- Directed 2 interns in the development of testing scripts in our automation suite to expedite the SDLC.
- Automated 30+ tests using Python Selenium to streamline arduous testing of web components.
- Reported 35+ critical bugs in detail through Jira and maintained effective communication with software development and financial engineering teams throughout the revision process.

Projects

Plannr

- Led development of full-stack trip planner with React-TypeScript frontend and FastAPI backend.
- Integrated Google Maps API, Google Cloud Suite, and Firebase for map services and data persistence.

Aster.nyc

- Built directory of 300+ NYC high school clubs using Jekyll and Firebase.
- Researched and established website philosophy, branding, outreach, and development with team.

Education

Stevens Institute of Technology **2021 - 2024**
Bachelor of Science, Computer Science **GPA: 3.92**