

Skills

- Languages:** TypeScript, Python, Java, Ruby, C++, SQL, Bash, OCaml
- Frontend:** React, Redux, Next.js, Svelte, Tailwind, Storybook, React Native, Figma
- Backend:** FastAPI, Flask, Node.js, Java SpringBoot, Ruby on Rails, PostgreSQL, MongoDB
- Testing:** Jest, Mocha, Chai, Cypress, Selenium, Playwright
- Cloud/DevOps:** Jenkins, Kubernetes, AWS, Kafka, Docker, GitHub Actions

Work Experience

Sumitomo Mitsui Banking Corporation	New York, NY
Software Engineer	Jul 2025 - Present
- Managed complex form state and UI engines for dynamic deal structuring using React, Redux-Saga.	
- Designed, developed 15+ major features for deal structuring, risk assessment, and data management by sales and trading teams, handling >\$100M deals daily.	
- Streamlined user, dev workflow by creating preference settings, reducing dev and config time by 30%.	
- Refactored legacy components and engine architecture in Storybook for reusability across apps.	
- Increased codebase test coverage from 30% to 80% through systematic testing implementation using GitHub Copilot.	
Sumitomo Mitsui Banking Corporation	New York, NY
Software Engineer Intern	Jun 2024 - Aug 2024
- Architected full-stack microservices using React/Redux, Java Spring Boot, and Kafka to automate EOD bond price marking, reducing manual workload by 80%.	
- Researched and presented findings on tech modernization and data infra trends in financial markets to senior stakeholders.	
Homer, LLC.	New York, NY
Lead Software Developer	Apr 2024 - Jan 2025
- Managed Calypso, Homer's cargo risk platform, boosting Coast Guard inspection efficiency by 300%.	
- Spearheaded design, development, and deployment of Calypso's full-stack web application using React, TypeScript, FastAPI, and PostgreSQL, enhancing usability and adoption across inspection teams.	
- Designed and implemented ML pipeline for predictive cargo risk modeling using Pandas, Flask, Celery, achieving 92% accuracy in identifying high-risk shipments.	
- Led bi-weekly sprints for a 4-developer team, ensuring timely delivery of MVP and features.	
Thingee Corporation	Remote
Software Developer Intern	Jan 2023 - Aug 2023
- Developed 22 features and resolved 40+ bugs using Ruby on Rails and Svelte in alignment with SRSs.	
- Designed, implemented scripts for safe data migration, deployment automation within AWS DynamoDB.	
- Established comprehensive Playwright test suite foundation including e2e tests and HTTP mocking.	

Projects

Hubba	
- Led full-stack development of gaming discovery platform MVP using React, Vite, Firebase, Flask, and PostgreSQL exceeding client expectations through agile sprints and stakeholder alignment.	
- Architected frontend structure, API schema, and DTO design alongside backend lead, establishing scalable component architecture and development standards for 5-person team.	
- Conducted market validation through 20+ user interviews, competitive analysis, and business model development, informing platform features addressing creator monetization gaps.	

Education

Stevens Institute of Technology	2021 - 2024
Bachelor of Science, Computer Science GPA: 3.92/4.0 Summa Cum Laude Dean's List (All Semesters)	
Relevant Coursework: Natural Language Processing, Deep Learning, Web Programming, Mobile Systems and Applications, Systems Programming, Enterprise & Cloud Computing, Principles of Programming Languages, Agile Methods for Software Development, Object-Oriented Analysis and Design	