Myo Thu Win Aung
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Professional Summary

Frontend-focused Software Engineer with 5+ years of experience delivering performant, scalable applications in finance and SaaS. Skilled in React, Redux, RxJS, GraphQL, and WebSockets for real-time systems. Strong background in CI/CD, TDD, and Agile methodologies, with a proven ability to mentor teams and modernize legacy systems.

Technical Skills

Languages: TypeScript, JavaScript, Python, SQL, HTML/CSS/SASS
Frameworks: React, Redux, RxJS, FastAPI, Node.js, Express, OpenFin, AG-Grid
Tools: Git, Docker, Jenkins, GitLab, CI/CD, Webpack, Storybook, Jira
Testing: Jest, Playwright, React Testing Library, TDD, E2E, Integration
Databases: PostgreSQL, MongoDB
APIs: REST, GraphQL, WebSocket, gRPC

Experience

Senior Associate Software Engineer — JP Morgan Chase, NY
Commodities Trading Tech (2024–Present)

- Replaced Excel tools with React/Redux apps based on TypeScript and AG-Grid, improving UI speed by 70% with gRPC + OpenFin integration.
- Built frontend architecture using RxJS/code-splitting, cutting load times 40% for 1K+ users.
- Reduced production bugs by 30% using Jest and Playwright for E2E testing.
- Conducted technical coding interviews and onboarded new engineers

FX Options Trading Tech (2022–2024)

- Developed STW trading widgets using React, RxJS, TypeScript, AG-Grid.
- Automated vendor API testing (Jest/Playwright); improved reliability.
- Led CI/CD pipelines (Jenkins/GitLab) for zero-downtime deployments.
- Created reusable UI kits with Material UI; mentored junior devs.
- Built RxJS/GraphQL/WebSocket-based real-time OMS sync layer.

Software Engineer — City Evolutionary Construction, NY (2018–2021)

- Built React SPAs using Hooks, Router, Webpack, TypeScript; improved auth routing UX.
- Migrated legacy RDBMS to MongoDB; built secure REST APIs.
- Integrated React UIs with Node.js backends for full-stack apps.

Structural Civil Engineer - City Evolutionary Construction, NY (2017-2018)

Structural Civil Engineer - J&M Steel Solutions, Myanmar (2014-2016)

Education

Software Development Certificate – CUNY TechWorks, NY (2020)
B.E. in Civil Engineering – W.Y. Technological University, Myanmar (2013)

Volunteer

Teaching Assistant – Microsoft TEALS (2020–2021)

- Taught algorithms and programming basics using OOP and SNAP tools.