

Tony Tran

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Professional Summary

Senior Full Stack Software Engineer with 8+ years of experience building scalable, data-driven products across fintech, sports tech, and proptech. Skilled in React, TypeScript, Node, GraphQL and AWS, with strong expertise in system design, event-driven architecture, and cloud infrastructure. Proven record of driving impact, boosting conversion rates, unlocking new revenue streams, and automating complex workflows to cut costs and improve efficiency. Now seeking a senior role where I can shape architecture, mentor teams, and deliver solutions that scale.

Career Summary

Sep 2024 – Present	PlayHQ	Senior Full Stack Software Engineer
Jan 2024 – Aug 2024	UPowr	Full Stack Software Engineer
Oct 2021 – Dec 2023	Propps	Full Stack Software Engineer
Jul 2018 – Oct 2021	ANZ Bank	Full Stack Software Engineer
Prior to 07/18	ANZ Bank	Automation Expert/Analyst

Technical Skills

- **Languages & Frameworks:** JavaScript (ES6+), TypeScript, Go, Node.js, React, Next.js, React Native, Flutter, Vue.js
- **APIs & Data:** GraphQL, REST, OpenAPI, PostgreSQL, MongoDB, Redis, Firebase, Firestore, Neo4j
- **Cloud & Infrastructure:** AWS, GCP, Terraform, Cloud Functions, Cloud Run, CI/CD (Buildkite, GitHub Actions), event-driven architecture, microservices
- **Testing & QA:** Jest, Playwright, Storybook, Postman, Insomnia
- **Analytics & Monitoring:** PostHog, Datadog
- **Other Tools:** Git, GitKraken, Jira, Confluence, Notion, Figma, Retool, Stripe, Camunda

Skills

- **Full Stack Development** – Delivered production-ready web and mobile applications across React, Next.js, Node.js, and Flutter.
- **System Design & Architecture** – Designed event-driven, cloud-native systems leveraging AWS/GCP, microservices, and CI/CD pipelines.
- **Scalable Applications** – Improved performance and reliability through caching, horizontal scaling, and resilient queue-based workflows.
- **API Development & Integration** – Built GraphQL and REST APIs, integrated with third-party services (Stripe, PostHog, CRM systems).
- **Automation & Workflow Optimisation** – Reduced operational overhead with process automation, fee rollovers, and onboarding flows.
- **Testing & Quality Assurance** – Ensured reliability with unit, integration, and E2E testing (Jest, Playwright).
- **Mentorship & Collaboration** – Guided teams in Agile environments, improved cross-functional delivery, and supported junior engineers.

Relevant Professional Experience

PlayHQ Sept 2024 – Present
Senior Full Stack Software Engineer

Responsibilities:

- Designed and implemented a payment deferral system, improving cash flow for sports organizations.
- Built compliance and regulatory checks into the platform, unlocking international partnerships.
- Developed season-to-season fee rollover automation, reducing administrative workload for club administrators.
- Built abandoned cart recovery notifications, increasing participant conversion rates by 12%.
- Integrated Mastercard promotional payment feature, generating a new revenue stream.
- Developed donation functionality for the TeamSports4All initiative, supporting underprivileged children's access to sports.
- Implemented refer-a-friend system with tracking analytics, increasing new user registrations by 14%.
- Streamlined payment onboarding for international partners, reducing setup time and support tickets.
- Integrated PostHog analytics across admin and participant interfaces to drive data-informed product decisions.
- Connected third-party merchandise solutions to expand platform capabilities and revenue.
- Influenced architectural decisions, adopting microservices and event-driven patterns to ensure scalability and maintainability

Achievements:

- Increased overall platform participation by 19% within the first 12 months.
- Reduced manual administrative tasks for club administrators.
- Enabled international partner adoption through enhanced onboarding, compliance and payment features.

UPowr Jan 2024 – Aug 2024
Full Stack Software Engineer

Responsibilities:

- Developed and integrated RESTful APIs using OpenAPI specifications and AWS for secure file storage.
- Improved operational efficiency by integrating APIs with BPMN workflows.
- Conducted unit, integration, and end-to-end testing using TypeScript and Playwright to ensure high code quality.
- Identified and resolved critical bugs, performed data migrations, and ensured data integrity across systems.
- Enhanced front-end UX and performance by updating Vue & Retool interfaces and migrating read APIs from REST to GraphQL.
- Implemented robust authentication and access control mechanisms to protect sensitive data.
- Parsed and normalized large datasets according to NEM12 specifications for accurate forecasting.

Achievements:

- Reduced production bugs by 19% through comprehensive testing and quality improvements.
- Streamlined data processing pipelines, enabling more accurate forecasting and insights.

Propps Oct 2021 – Dec 2023
Full Stack Software Engineer

Responsibilities:

- Architected, developed and deployed ReactJS/NextJS frontends with Emotion CSS styling.
- Built an unstructured database backend using Firebase, integrating a GraphQL layer with Apollo Studio.
- Implemented GraphQL code generation to streamline development processes.
- Scheduled tasks using Google Cloud Task Queues and Workflows for automated processing.
- Developed authenticated webhook services and managed dead letter queues for reliability.
- Created clients/adapters to integrate with third-party CRMs.
- Managed cloud infrastructure with Terraform and deployed cross-platform apps using Flutter/React Native.
- Maintained CI/CD pipelines via Buildkite and implemented automated tests using Jest.
- Created and maintained synthetic tests, monitoring systems, and alerts through Datadog.

Achievements:

- Improved system latency by migrating from Google Functions to Cloud Run (reduced avg. response time by 150ms).
- Reduced application downtime by 20% with monitoring, synthetic tests, and alerting.

ANZ Bank Jul 2018 – Oct 2021
Full Stack Software Engineer

Responsibilities:

- Built and maintained banker-facing web apps using ReactJS, .NET Core, and SQL, enabling faster loan and mortgage application processing.
- Developed APIs with compliance logic to support secure, regulated financial workflows.
- Designed and deployed an APRA reporting system, automating policy override approvals and improving audit accuracy.
- Delivered a web app for workforce capacity and skills management, optimizing cross-skilled team allocation.
- Built digital portals supporting Small Business COVID-19 Relief and JobKeeper applications, enabling thousands of customers to access government support.
- Enhanced mortgage settlements and secured assessment systems, improving banker efficiency in assessing customer financial positions.
- Established relational databases (MySQL), performing schema design and administration.
- Worked in an Agile team, shaping user stories and delivering iterative improvements.

Achievements:

- Reduced policy override and application processing time by ~20%, improving efficiency across banking operations.
- Improved reporting accuracy and audit readiness with a custom-built APRA reporting solution.
- Delivered COVID-19 relief systems, supporting thousands of small business and retail banking customers.