



CONTACT

- +61 433 697 883
- crisryantan@gmail.com
- NSW, Australia

EDUCATION

SECONDARY SCHOOL

Don Bosco Technology Center

2004-2008

BACHELOR OF COMPUTER ENGINEERING

University of Cebu

2008-2013

SKILLS

- Programming Languages: JavaScript (ES6+), TypeScript, C#
- Frontend Technologies: HTML5, CSS3, React.js, Angular, Vue.js, Next.js
- Backend & Runtime Environments: Node.js, .NET (.NET Core / ASP.NET)
- State Management & Reactive Programming: Redux, RxJS
- Tooling & Build Systems: Webpack, Rollup, ESLint, Storybook
- Testing: Jest, Unit Testing, Integration Testing, E2E Testing, Visual Regression Testing
- Version Control & CI/CD: Git, GitHub, CircleCI, Buildkite
- Performance Optimization: Lazy Loading, Code Splitting, Tree Shaking, Caching

CRIS RYAN TAN

SOFTWARE ENGINEER

SUMMARY

Innovative and detail-oriented Senior Full-stack Engineer with a specialisation in Frontend technologies and deep expertise designing and developing high-performance, scalable web applications. Expert in modern JavaScript frameworks, with a strong focus on creating intuitive, responsive, and accessible user interfaces. Sound experience in backend development, DevOps projects, and end-to-end testing.

Passionate about user experience, clean code, and staying current with emerging technologies.

EXPERIENCE

SENIOR SOFTWARE ENGINEER

Lorikeet - Sydney Australia

Sept 2025 - Present

- Shipped Concierge, rebuilding Brands into Concierges as the hub for multi-channel CX config. Standardized channel-level settings as the single source of truth, aligned with a DB migration and large backfills to cut duplication and make multi-env changes safer.
- Built partner reporting for Quality Score, CSAT, and containment rate, giving partners visibility into key CX metrics across their support operations.
- Shipped Coach, an AI agent that explains metric shifts, diagnoses root causes, and recommends fixes, turning reporting data into actionable insights.
- Implemented role-based access control and laid the groundwork for platform-wide PII redaction, enabling safer data handling across workflows and reporting.
- Optimized server-side rendering performance in React/Remix by instrumenting loaders with performance markers, identifying bottleneck queries, and applying parallel execution and deferred streaming patterns. Cut average page load time from 2.2s to ~700ms (~68% reduction) and documented the playbook for reuse across the team.
- Audited the full infrastructure stack for compression and bundle size gaps across CDN, application servers, load balancers, and the Vite build pipeline. Enabled Brotli on Cloud CDN, reducing web app cold load transfer by 75% (1.56 MB to 392 KB) and chat widget transfer by 56% (1.81 MB to 795 KB). Reduced chat bundle size by ~630 KB through tree-shaking the shared design system via sideEffects configuration, eliminating 87% of one chunk.



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EXPERIENCE

SENIOR SOFTWARE ENGINEER

Loriaket - Sydney Australia

Sept 2025 - Present

- Built a preparative iframe preloading mechanism for the embeddable chat widget that caches assets during page idle time before users interact. Validated with HAR file analysis in production, achieving an 85% cache hit rate and cutting widget time-to-ready from 1.24s to 681ms. Combined with compression and tree-shaking, the three optimizations compounded: preload duration dropped from 442ms to 52ms as smaller bundles made cache warming essentially free.

SENIOR SOFTWARE ENGINEER

Rokt - Sydney Australia

2019 - May 2025

- Developed and maintained a robust frontend SDK, empowering enterprises to deliver targeted advertising seamlessly on e-commerce sites and apps.
- Achieved a 30% reduction in SDK load time and a 40% decrease in script size, significantly improving performance and user experience.
- Built and maintained client-side UI components displayed as offers to customers using React, TypeScript, Redux, and RxJS.
- Adoption at Scale: The SDK is deployed across top-tier companies including Ticketmaster, Best Buy, Domino's, AMC Theatres, and many others, powering customer engagement across millions of users.
- High-Volume Transactions: Design and developed an SDK handling over a million transactions daily, generating of almost \$2 million in daily revenue.
- Established and enforced coding standards and best practices to ensure high-quality code and efficient development processes.
- Maintained and monitored app deployments through continuous integration and continuous deployment (CI/CD) pipelines.
- Implemented guardrails by adding integration tests, visual regression tests, and end-to-end tests to ensure application robustness and reliability.

SOFTWARE ENGINEER

Leadbook - Singapore

2017-2018

SOFTWARE ENGINEER

Tritontek - Cebu, Philippines

2015-2017