

# KIM TANG

Front-End Developer | Software Engineer

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## PROFESSIONAL SUMMARY

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Front-end developer with 4+ years of commercial experience building high-performance web applications using React, Next.js, and TypeScript. Proven delivery of customer-facing products reaching 150,000+ active users. Experienced in headless CMS architecture, AWS cloud integration, and reusable component systems. Strong Figma-to-code execution with a focus on performance, scalability, and clean architecture.

## PROFESSIONAL EXPERIENCE

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### Front-End Developer — Akcelo, Sydney

Sep 2021 – Present

- Develop pixel-accurate, production-ready React/Next.js applications for high-profile clients including McDonald's, A-League, and Queensland Airports, translating complex Figma designs into scalable UI.
- Architect reusable component systems and Storybook-documented design patterns across headless CMS platforms (Sitecore, Magnolia, WordPress), enabling consistent delivery across multi-site projects.
- Implement client-side caching strategies (local storage) to reduce AWS Lambda API calls, lowering backend load and associated DynamoDB/S3 costs on campaign microsites.
- Automate S3 deployment workflows using AWS CLI scripts, improving release speed and reducing manual deployment errors.
- Integrate front-end applications with AWS services (S3, Lambda, DynamoDB, Amplify) and consume REST/GraphQL APIs to deliver cloud-backed functionality.
- Leverage AI tools (ChatGPT, GitHub Copilot) to accelerate development, troubleshoot issues, and generate documentation while maintaining code quality.

## KEY PROJECTS

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### McDonald's Campaign Microsites — React, TypeScript, AWS (S3, Lambda, DynamoDB), AWS CLI

- Delivered interactive, high-traffic campaign microsites (Squid Game, Friends) achieving 150,000+ active users. Built local storage caching to reduce API calls, set up automated AWS CLI deployment scripts, and iterated rapidly through launch and post-release fix cycles.

### A-League Websites — Next.js, React, TypeScript, GraphQL

- Contributed to the front-end migration of A-League websites from legacy WordPress to a modern Next.js/GraphQL stack, building shared component libraries consumed across multiple league and club sites (aleagues.com.au, sydneyfc.com), improving speed, maintainability, and UI consistency.

### Queensland Airports (Gold Coast & Townsville) — React, Magnolia CMS, Headless Architecture

- Developed a multi-site suite of airport websites using Magnolia CMS with headless architecture, creating reusable templates and modular components for scalable content delivery across properties.

## TECHNICAL SKILLS

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**Languages & Frameworks:** TypeScript, JavaScript (ES6+), React, Next.js, Tailwind CSS, HTML5, CSS3

**Cloud & DevOps:** AWS (S3, Lambda, DynamoDB, Amplify), AWS CLI, CI/CD pipelines

**APIs & Data:** REST APIs, GraphQL

**CMS Platforms:** Sitecore, Magnolia, WordPress, Headless CMS architecture

**Tools & Workflow:** Git (GitHub, GitLab), Figma, Storybook, ChatGPT/Copilot

## EDUCATION

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### Bachelor of Electrical Engineering

2015 – 2020

University of Technology Sydney (UTS)