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KENNETH TSO
Software Engineer

LANGUAGES
- Javascript
- Typescript
- HTML5
- CSS

FRAMEWORKS
- React
- React Native
- Storybook
- SCSS / Tailwind
- Cypress
- Jest

LIBRARIES & TOOLS
- Expo
- Redux / Tanstack
- Claude Code
- Antigravity
- Google Cloud Platform
  - Authentication
  - Realtime Database
  - Firestore
  - Cloud Functions
  - Remote Config
  - A/B Test
  - Analytics
- Node
- MongoDB / Postgres
- JIRA / Linear / Asana
- Github / Jenkins

EDUCATION
- Queens College
- Hack Reactor

PERSONAL FEATS
- Code Nation Volunteer
- Ranked WoW Player
- Aerial Lift Operator
- Professional Bartender

EXPERIENCE

Emerald Cloud Lab — Senior Software Engineer
March 2025 - Current

- Author technical specifications for front-end initiatives and serve as on-call engineer for production incident response, including client-facing communication
- Leverage AI-assisted development tools to accelerate feature delivery and debugging for a desktop Electron application
- Proposed and led migration from a costly third-party QA platform to Playwright, reducing testing costs while improving coverage

Collectors Universe — Software Engineer
May 2022 - Oct 2025

- Served as the primary point of contact for all front-end engineering issues related to AI and ML projects, leading to an intuitive and responsive user interface to showcase the work of the AI/ML team
- Collaborating closely with cross-functional teams to ensure timely and successful project deliveries across multiple greenfield projects
- Revamped a previously internal use only Flutter application by implementing our new design language standards and introducing new features

Medidata — Applications Engineer
Sep 2020 - May 2022

- Delivered new features and interactions for a healthcare provider application enabling clients to visualize their UX journey and prioritize user task customization
- Validated GoJS workflow steps via the implementation of a directed graph, enabling validation of workflow and individual nodes in linear time
- Wrote and executed automated tests through Cypress spec and feature files while implementing CICD parallel execution, reducing check times by ~70%
- Created reusable mobile UI components and implemented them according to designer specifications with React Native

InRhythm — Software Engineer
Dec 2019 - Sep 2020

- Contributed to a SSR React application for a multinational fintech corporation that served over two million domestic business prospects annually
- Implemented A/B tests that tracked visitor behavior for a legacy codebase, enabling product visibility of real-time marketing analytics
- Streamlined UI development for the internal components library using Storyboard, promoting component re-usability across teams

Cedrus Digital — Software Engineer
Feb 2019 - Dec 2019

- Engineered a TypeScript enterprise web application using AngularJS and Express/NodeJS to migrate hundreds of users from legacy systems, reducing the time consumed for business processes by over 50%
- Created UI components to render and visualize complex business logic through dynamic forms, inputs, validations, and tables based on high-fidelity wireframes

Auxetic LLC — Software Engineer
Nov 2017 - Oct 2021

- Led the development of products and dashboards that supported internal operations and managed the process status of a 3D printing machine farm
- Developed a scalable UI to monitor multiple manufacturing clusters, ensuring production parameter traceability and reporting critical issues in real-time
- Mentored junior software engineers through pair programming and code review