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# KENNETH TSO

## Software Engineer

### LANGUAGES

JS Javascript  
TS Typescript  
HTML5 HTML5  
CSS CSS

### FRAMEWORKS

⚛ React  
⚛ React Native  
SS Storybook  
SCSS SCSS  
CY Cypress  
Jest Jest

### LIBRARIES & TOOLS

⚡ Expo  
⚡ Redux  
🔥 Google Cloud Platform  
Authentication  
Realtime Database  
Firestore  
Cloud Functions  
Remote Config  
A/B Test  
Analytics  
mui MaterialUI  
GoJS GoJS  
Node Node  
MongoDB MongoDB  
JIRA JIRA  
Github Github

### EDUCATION

QS Queens College  
HR Hack Reactor

### PERSONAL FEATS

VN Code Nation Volunteer  
RP Ranked WoW Player  
ALO Aerial Lift Operator  
PB Professional Bartender

### EXPERIENCE

#### Collectors Universe — Software Engineer

May 2022 - Current

- 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 legacy code base by implementing modern design language standards, bringing the application aesthetically in line with our latest offerings

#### 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 server-side rendered 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 reusability 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%
- Built and exposed REST APIs for services such as IBM Business Process Manager and Oracle SQL databases to provide data to the front-end application
- Created UI components to render and visualize complex business logic through dynamic forms, inputs, validations, and tables based on high-fidelity wireframes

#### Auxetic LLC — Senior 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
- Built a sales funnel aggregate that scraped customer order information from various platforms, allowing a unified order dashboard to improve sales operations efficiency
- Mentored junior software engineers through pair programming and code review