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KENNETH TSO
Software Engineer

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