Kenny Miu

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Skills

React, Angular, Node.js, Python, Django, TypeScript, JavaScript, Flutter, Dart, GCP, Swift

Work Experience

Software Development Engineer | Amazon — Toronto, ON, Canada — *Nov 2024 – Present*

Java, Typescript, Python, CDK, Lambda

Software Developer | Smile Digital Health — Toronto, ON, Canada — *Jan 2023 – Aug 2023*

Angular, Bootstrap 5, Typescript, Cypress
- Created Cypress tests including mocking OAuth2.0 OIDC flows, API calls, and file downloads
- Optimized state management by adding an NGRX store, improving component isolation and eliminating redundant Input/Output decorators across the entire project
- Self-built a front-end Angular application that authenticates and interacts with the U.S. CMS official API, ensuring requirements from a key company stakeholder were met on time

Full Stack Developer | ApplyBoard — Kitchener, ON, Canada — *Jan 2022 – Apr 2022*

React, Node.js, Typescript, Cypress
- Refactored a student bulk import page to use Emotion Styled components and React Hooks resulting in a 50% reduction in lines of code
- Created Cypress tests including file uploading, drag and drop, and full form validation checks

Full Stack Developer | Polar — Toronto, ON, Canada — *Sep 2021 – Dec 2021*

React, Redux, JavaScript, Django, Python, Jest
- Revamped a demo sites list page by implementing pagination via a Django REST endpoint improving performance by 20+ seconds
- Linked two separate React components together with reducers by migrating the stateful component into a global Redux store
- Fully removed a support resources component by running several Django migrations and removing any associated JavaScript references

Projects

iOS App Development | St. Augustine CHS — Markham, ON, Canada — *Sep 2018 – Jun 2019*

Swift, Xcode, Firebase, Node.js, Google Cloud Platform
- Self-taught and programmed the school app used by over 85% of the student population
- Built features including push notifications for office and class announcements, a centralized list of all school clubs, and a daily cafeteria menu which can be updated by staff from a website

Education

University of Waterloo — Waterloo, ON, Canada — *Sep 2019 – Apr 2024*

Honours BASc, Nanotechnology Engineering