

# Kevin Gao

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## Skills

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- **Proficient:** Typescript, Javascript, React, Redux/Saga/Thunk, Node.js, NPM, Next.js, React Native, HTML/CSS, Express, Koa, Rust, Git, Storybook, REST, SQL, NoSQL, Jest, Linux/Unix
- **Exposure:** Angular, AngularJS, Apache Spark, Apache Cassandra, Scala, Java, Python3, jQuery

## Work Experience

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### Front-End Developer | MarketCast | Remote Apr 2021 - Current

- Created a custom middleware with Redux Toolkit to handle the flow of Axios API requests; drastically improved the performance of the page via request cancellations
- Solved and engineered complex form logic that allowed users to dynamically set logical statements to show/hide specific fields
- Mentored and assisted colleagues on refining their typing in TypeScript and debugging React components

### Mobile App Developer | Walmart | Mississauga, ON Mar 2020 - Apr 2021

- Leveraged React Native, Redux/Saga, Styled Components, and Typescript to revamp and modernize the existing Search & Browse page resulting in a 10% increase in customer retention and 8% increase in cart addition
- Engineered new cart addition technique by adding a debounce and throttling mechanism with Redux/Saga which resulted in a faster, more fluid customer experience
- Worked closely with product owner following scrum methodology for continuous delivery of features
- Performed functional testing, code reviews, and code modifications to troubleshoot bugs and improve efficiency
- Managed and modified a large scale content management software

### Full Stack Developer | Ventmere | Toronto, ON June - Nov 2019

- Collaborated with a team to design, document, and develop several eCommerce marketing tools
- Integrated with several online marketplace platforms such as Amazon Seller (FBA), Walmart Marketplace, Mirakl, Best Buy, etc.
- Optimized sales reporting dashboard resulting in page load time reduced by 90% and server CPU usage reduced from 90% to 30%
- Utilized a wide variety of languages, frameworks, and tools such as: Typescript, React/Redux, Next.js, Rust, Angular, Node.js, Apache Kafka etc.

### Full Stack Developer | University of Toronto | Toronto, ON Aug 2017 - Jan 2018

- Implemented an online payment application and integrated it with the existing LAMP stack; reduced the number of in-person payments by over 30%
- Designed all pages with accessibility in mind by following the WAI-ARIA standards
- Modernized the old, outdated code to improve readability, efficiency, and scalability

### Applications Developer | Index Exchange | Toronto, ON Jan 2016 - Aug 2016

- Created an application that parsed TBs of raw data into an Apache Cassandra database and performed data aggregation and analysis with Apache Spark; entire process was done in near real time
- Developed a web app (Scala server & AngularJS client) to visualize the aggregated results
- Scheduled meetings which kept the team on track which ensured that goals were met every sprint

## Education

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B.A. Computer Science  
University of Toronto

June 2020