# Jiasheng(Chris) Cui

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## Experience

**Full-stack engineer at SmartNews**

March 2022 - Jan 2023

- Designed and built applications from scratch to drive up user engagement on the core product. Promoted CTR by 5%, time spent by 8%.
- Led multiple projects, designed and drove the development effort. For example, what-to-watch, local events, local food-and-drinks.
- Built monitor metrics and alert on applications. Maintained p99 latency within 170ms, service uptime in 99.9%, cache hit rate in 90%. Monitored pod health, DB health, cache hit rate, service http status counts.
- Established end to end collaboration with designers, product managers, and cross function teams to ensure end-to-end collaboration,
- Built internal tools to enhance development efficiency and streamline workflows.
- Owner of multiple systems, maintained and developed new features to improve user experience.

**Software engineer at 365 Retail Markets**

Jan 2016 - March 2022

- Developed the next-generation cashierless point of sales system with the latest payment technology.
- Analyzed and improved efficiency, scalability, and stability of multiple systems. Order system, payment system, inventory system, etc. Maintained system uptime in 100% and request response time within 200ms.
- Built the MM6 product from scratch, and made it to the top selling product in the company. Integrated and optimized payment processors from different countries. OTI, Castles, and Nayax.
- Maintained CRM system to allow user to review sales report or configure system settings. Reduced render time by 20%, added 20+ reports, developed menu preview feature.
- Implemented asymmetric data encryption for sensitive user data.

**Software engineer at ReadyTouch**

Oct 2015 - Jan 2016

- Developd end to end cashier-less point of sales system on both the frontend and backend side.
- Worked closely with designer and product manager to shape the product, incorporated user feedback and delivered a user-friendly interface.
- Applied business logic and developed front-end application with React.js

## Technical Skills

- Advance knowledge of Javascript, React js/next js, and the latest node js frameworks
- Proficient in Java/Kotlin programming with 7 years of experience, delivering robust and scalable backend solutions.
- Extensive experience with full-stack development, RESTful API, and web services
- Excellent communication skill, experience with working with cross functional team to gather requirements and deliver projects efficiently.
- Language: Javascript, Typescript, Java, Kotlin
- Frameworks and tools: Node.js, Express.js, Spring boot, Kubernetes, AWS
- Database: Mysql, Cassandra, Redis, MongoDB

## Education

**San Jose State University**

B.S., Computer Science, May 2015

Related Coursework: Database Management, Web Development, Cloud Service, Operating System