

Yuki Saito

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EXPERIENCE

Epic Systems

July 2023 – Present

Software Developer I

Madison, WI

- Led the development of various projects for Epic's MyChart Enterprise application, driving functionality for 305 million users and \$4.6 billion of annual revenue every year using React, TypeScript, Sass, C#, .NET, and MUMPS
- Overhauled the MyChart messaging framework to support feature-rich workflows, reducing extensive customer service interactions, cutting costs per message, and strengthening customer-member relationships
- Enhanced UI and backend support for paperless documents, driving adoption of paperless delivery and resulting in long-term cost reductions in mailing
- Built logging metrics for customer dashboards to surface key cost-saving measures such as paperless sign-ups, customer service turnaround times, and late premium billing payments
- Optimized backend logic for high-traffic homepage API endpoints, reducing worst-case response time by **23%** and database queries by approximately **80%**

Workday

May 2022 – Aug 2022

Software Application Engineer Intern

Pleasanton, CA

- Assisted with the Customer Experience Platform migration to React
- Increased total test coverage by **65%**, catching multiple UI/UX issues in production
- Replaced deprecated testing packages with Testing Library and upgraded other outdated dependencies
- Ensured screen reader and page navigation met WCAG accessibility requirements
- Worked closely with UX designers to update navigation components to match user experience goals

Xircle

Nov 2021 – Jun 2022

Mobile Software Engineer

San Jose, CA

- Developed a React Native social media mobile application with a **500+** active user base of college students
- Engineered the user profile and application settings activity, representing **18%** of user interactions
- Improved state management with a **70%** reduction in server overhead with significantly faster load times
- Coded a custom implementation of Redux, enhancing application scalability and maintainability by providing a solution for managing shared state across multiple components

Hakkei

Nov 2020 – Mar 2021

Software Engineer Intern

Sunnyvale, CA

- Developed a progressive web app to integrate with Hakkei's custom ergonomic keyboard
- Created the key mapping configuration activity, allowing users to create, save, and test custom key configurations
- Refactored state management using Redux and React Context API to improve performance and scalability
- Engineered reusable React components to streamline development timelines across the entire application

PROJECTS

Parking Garage Availability Mobile App | React Native, Expo, Firebase

- Led a team in a 20+ person project to develop and deploy a real-time parking garage occupancy tracker, utilizing WiFi-enabled ultrasonic sensors, Firebase, and React Native to provide accurate vehicle detection and data insights

Study Helper – Natural Language Processing | React, Python, Flask, MongoDB, NLP, REST

- Developed a study assistant tool that generated transcripts, flashcards, and summaries from YouTube videos

Stock Manager | Java, Java Servlets, Maven, Jakarta Server Pages, REST, Tomcat, SQLite

- Enabled users to analyze trend lines and set buy/sell targets on over 2,000 real-time NYSE stocks

TECHNICAL SKILLS

- **Technologies:** Java, TypeScript, JavaScript, HTML/CSS, SASS, C#, .NET, MUMPS, SQL, React Native
- **Frameworks/Libraries:** React, Enzyme, Jest, JUnit
- **Developer Tools:** Git, SVN, GitHub Copilot, Postman, Docker

EDUCATION

San Jose State University

San Jose, CA

Bachelor of Science in Software Engineering (GPA: 3.8)

May 2023