

Jason Li

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EXPERIENCE

Frontend React Developer

TKLABS, Inc., Sunrise, FL, USA

May 2022 - May 2025

- **Led frontend development** of Bacon Unlimited's internal IT management web app using React.js, improving UI responsiveness and reducing page load times by **30%**, enhancing usability for **50+ internal users**
- **Collaborated with project manager and backend teams** in Agile sprints to deliver scalable features, resulting in a **25% faster release cycle** and **boosted stakeholder satisfaction** measured via sprint retrospectives
- **Developed reusable component libraries**, reducing redundant code by **40%** and accelerating feature development timelines across multiple web projects
- **Integrated RESTful APIs and GraphQL endpoints**, enabling **real-time data updates** and **cutting API response times by 20%**, significantly improving the user experience
- **Implemented SSO authentication** using Auth0, Azure AD, and Okta IE, simplifying login experiences for **50+ users** and **improving security** for regulated clients

Technical Debt Refactoring

- **Eliminated technical debt** by systematically replacing legacy Ant Design (ANTD) components with Kendo UI & Material UI implementations, creating reusable components under the */shared/components* directory
- **Enhanced maintainability** by converting over a dozen key UI elements—including message, card, switch, tabs, checkbox, pagination, and more—to modern Kendo equivalents, improving consistency across the codebase
- **Streamlined code and dependencies** by removing all ANTD imports and project requirements, significantly reducing bundle size and improving frontend performance

Integration Testing

- **Implemented** integration tests using **Jest** and **React Testing Library**, validating critical UI workflows and component interactions, which reduced regression bugs and improved release confidence

PROJECTS

Travel Agency Dashboard - [Live](#), [GitHub](#)

- Developed an AI-driven itinerary generator using **React 19** and **Appwrite**, enabling users to create personalized trip plans tailored to preferences like country, budget, travel style, and group type
- Built a secure, scalable web platform with **OAuth**-based authentication, modular **React** components, and a modern responsive UI designed with **Tailwind CSS** for seamless cross-device accessibility
- Implemented advanced analytics and admin dashboards leveraging **Syncfusion** and **Appwrite**, providing real-time trip statistics and growth metrics

Bug Tracker - [Live](#), [GitHub](#)

- A web app using **React** that helps developers to keep track of reported software bugs in software development projects
- Learned the fundamentals of **React**, such as **JSX**, **useState**, **useEffect**, **useRef**, and **useContext**
- Backend created with **Firebase** Authentication and **Firestore** Database

Personal Website - [Live](#), [GitHub](#)

- Implemented smooth and interesting animations using **animate.css**
- Created a visual representation of text data using **React Tagcloud**
- Ensured mobile responsiveness using **media queries** and **Styled-Components**

EDUCATION

Sheridan College

Oakville, ON, Canada

Associate of Science in Computer Science

Sept. 2021

Relevant Courses: Object Oriented Programming, Data Structures and Algorithms, Web Development, Database Design & Implement, Interactive User & Software Design Fundamentals, Computer & Network Security

SKILLS

Programming Languages: React, Next.js, Vite, TypeScript, JavaScript, Python, SQL, HTML, CSS

Libraries and Tools: Node.js, MySQL, Docker, Sourcetree, Git, Copilot, Cursor, Postman, Firebase, VS Code