

# John Kyle Siat

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## EXPERIENCE

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### Software Developer Intern

Nov 2024 – Apr 2025

*PolySense Solutions Inc.*

- Built a responsive floorplan web application using HTML, CSS, JavaScript, and Tailwind CSS, improving design consistency
- Tailored the web application using Tailwind CSS for rapid prototyping and mobile responsiveness
- Used Figma to design a consistent user interface for the floor plan application aligned with company UI standards.
- Developed the app with dynamic features using jQuery and DOM manipulation (e.g., hover, drag, click) for asset management
- Integrated the custom company API to simulate interactive building floor plans, improving user experience and data visualization

### Quality Control Specialist / Programmer

Sept 2022 – Apr 2023

*University of Winnipeg*

- Collaborated on an Inventory Management System project sponsored by the Dean of Applied Computer Science
- Corroborated with the team following Agile standards with code reviews through GitHub, issue tracking, and feedback loops
- Developed login system integrated with Active Directory, ensuring secure access to system resources
- Created a responsive login interface connected to Microsoft Azure cloud database for authorized and authenticated users
- Worked with Project and Tech Lead on task assignments to facilitate the work distribution, and tracking 400+ project team hours

## PROJECTS

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### Disheasy | HTML, CSS, JavaScript, TypeScript, React (+Vite), API, AWS | [\[GitHub\]](#) | [\[Webpage\]](#)

Apr – May 2025

- Developed a recipe finder front-end application using React and TypeScript, deployed via AWS Amplify
- Implemented responsive, mobile-friendly UI with Tailwind CSS and adaptive layouts for UX
- Integrated Axios for efficient API calls and the state management of hierarchical components with React hooks
- Designed reusable UI components for scalability and future feature expansions (ex. filters)

### Currency/Crypto Converter | HTML, CSS, JavaScript, React, API | [\[GitHub\]](#) | [\[Webpage\]](#)

Oct 2024

- Developed a front-end currency exchange application in React with state-managed input/output interactions
- Fetched and rendered API-based currency conversion data using useEffect and useMemo
- Integrated react-select to create a searchable, user-friendly dropdown for selecting currency options
- Improved performance and readability by implementing memorization and reusable functions

### Little Lemon Website | HTML, CSS, JavaScript, Django, Python, SQL (MySQL) | [\[GitHub\]](#) | [\[Webpage\]](#)

May – June 2024

- Built a full stack mock-up restaurant website featuring home, about, booking, and reservation pages in the navigation bar
- Designed the front-end with responsive HTML, CSS, and JavaScript for SEO optimization and for mobile responsiveness
- Developed the backend in Django using MVT architecture and Django REST Framework using Python
- Deployed the website using PythonAnywhere with the integration of MySQL to track reservation data based on unique time slots

## TECHNICAL SKILLS

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Languages: HTML, CSS, JavaScript, TypeScript, PHP, SQL, Python, C#, R

Frameworks/Libraries: React, Tailwind CSS, jQuery, Django (REST Framework), Node.js, Express.js, Jest

Developer Tools & Platforms: VS Code, MySQL, Git, GitHub, Figma, AWS, Microsoft 365, Google Suite

Data Analysis: Data Cleaning, Data Visualization, RStudio, Tableau

## EDUCATION

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### University of Winnipeg

Winnipeg, MB

*BSc in Applied Computer Science (Dean's Honour List – Student of Distinction)*

April 2024

Google Cybersecurity Professional [Certificate](#)

Google Data Analytics Professional [Certificate](#)

Meta Full-Stack Engineer [Certificate](#)