

# Gabriel LAWSON

## Software Developer

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Bilingual: French/English | Proficient: Spanish | Knowledgeable: Japanese

## SUMMARY

*Software Developer, dedicated and motivated team-player, yearning to optimize tools and work environment. Thrives to solve complex problems, may they be human or technical, with critical-thinking, empathy and patience. Resilient creative collaborator, effective in time-management and multitasking while attentive to details.*

## TECHNICAL SKILLS

**Proficient:** Node.js, NPM, CSS, HTML, HTML 5, JSX, Javascript, React.js, Fullstack, Front-End, Back-End / Git, GitHub, VSCode, Insomnia, Postman, PostgreSQL, Express.js, Object-Oriented-Programming (OOP), REST APIs  
**Knowledgeable:** Vue, SQL,

## TECHNICAL PROJECTS

**Capstone / The Online Gallery | Back-end Developer/SCRUM Master** | 09/2023 | [Capstone Project](#)

Collaborated with an international team of developers to create "The Online Gallery," a dynamic web application offering a seamless experience for registered and guest users. The application enables users to effortlessly browse a diverse selection of products and offers convenient cart management features, including the ability to add and remove items. In addition, an exclusive admin dashboard empowers administrators to perform privileged operations, overseeing product and user management with precision and efficiency.

- Strategically seeded the database using React, Vite, PGAdmin4 and Postman to facilitate testing of various user scenarios and support project requirements at different development stages.
- Developed clear Express routes for data retrieval, implementing robust error handling techniques to ensure uninterrupted functionality and a seamless experience for both administrators and regular users.
- Implemented robust data security measures using Bcrypt to prevent unauthorized access and manipulation of sensitive user information.
- Implemented a seamless shopping experience for guest users, allowing them to browse and add products to a local storage cart, ensuring a hassle-free shopping journey.
- Enhanced and face-lifted overall App design with TailwindCSS and DaisyUi libraries.

**JuiceBox | FullStack Developer** | 09/2023 | [JuiceBox](#)

Designed and implemented a fully operational CRUD API using Express.js, PostgreSQL, and various technologies to create a Tumblr-like website for blogging and networking.

- Reconstructed the PostgreSQL database schema to support the blogging and networking website.
- Implemented a repaired Express.js endpoint for API communication.
- Incorporated JSON Web Token (JWT) and bcrypt authorization for secure authentication.
- Utilized foreign key constraints to ensure data integrity.
- Established RESTful endpoints using Express.js for smooth API interaction.
- Designed and developed a Single Page Application using React.js and Vite to allow users to interact with the data through a highly-responsive user interface, and deployed it on Netlify.

**Stranger's Things | Front-End Developer** | 08/2023 | [Stranger's Things](#)

Built the front end and Routes of an online marketplace website using ChakraUi and React Router.

- Utilized AJAX basics, including HTTP methods, asynchronous coding, and error handling within async functions.
- Developed well-structured React components with efficient use of props for data sharing and event listeners.
- Saved the data to the state of a React app and built various React components to visually represent the data to users.
- Effectively used state and effects for component management.
- Applied CSS and library ChakraUi to deliver a smooth, user-friendly interface.

## **Puppy Bowl React | Front-End Developer** | 08/2023 | [Puppy Bowl React](#)

Web Application designed to allow users to view, select, delete and search through a roster of puppy bowl players.

- Optimized existing project to implement new functionalities, improve and refine user experience.
- Optimized an existing project by implementing new features, enhancing user experience, and refining the application.
- Upgraded the project foundation using React JS, saving data to the state and building React components to visualize data for users.
- Implemented error handling and validation to ensure the data was displayed correctly, optimized code for performance.
- Enhanced and face-lifted overall App design with CSS.
- Crafted API routes for the efficient and accurate management of data retrieved from a Heroku-hosted database.

## **EXPERIENCE**

### **Crew Member | Trader Joe's** | Santa Barbara, CA

8/2015 - Present

- Lead section and Reduced spoilage by 20% compared to past years' results region-wide.
- Trained and mentored 20 new recruits, ensuring great integration of new staff members.
- Assisted in the hiring process, taking part in interviews and candidate selection.
- Played a pivotal role in maintaining the store's appearance, displays, organization, and cleanliness, contributing to the store's reputation as one of the best shopping destinations in the area.
- Use set of multitasking and communication skills to assist and support customers with their needs ensuring a positive shopping experience while completing assigned tasks by the end of workday.

### **Manager | Lucca Woodfired Pizza** | Santa Ynez, CA

6/2021 - 1/2022

- Managed daily kitchen operations and staff of 4 employees, prepared and transported mobile catering kitchen to events.
- Reorganized staff roles and assignments, leading to substantial improvements in daily operations and workload management, ultimately resulting in a significant reduction of one hour per day in time spent on routine tasks.
- Ordered and calculated necessary products based on the schedule of events for each week, a strategic approach that not only ensured seamless event preparation but also resulted in substantial cost savings on supplies.
- Supervised onsite events and staff while engaging with guests to ensure an enjoyable and professional experience
- Implemented an order guide to improve supplies and food purchasing, allowing to save more time for prepping and to reduce spoilage and spending

## **EDUCATION**

### **Fullstack Academy Web Development Bootcamp**

05/2023 - Present

Software Engineering Certificate

Part-time, Full Stack Javascript Web Development Immersive online course