

# Christian Felix

Vallejo, CA | 707-342-8154 | 1christianfelix@gmail.com | [christianfelix.dev](https://christianfelix.dev) | [linkedin.com](https://www.linkedin.com/in/christianfelix) | [gitlab.com](https://gitlab.com/christianfelix)

## TECHNICAL SKILLS

---

**Programming Languages** | Python 3, JavaScript ES6+, SQL, HTML5, CSS, C++, Java

**Front-End** | DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit, Tailwind

**Back-End** | Django 4, PostgreSQL, MongoDB, FastAPI

**System Design** | Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing

## Application Development Experience

---

**Scrumptious** | Lead Dev | [gitlab.com](https://gitlab.com) | React, FastAPI, Mongo, Docker, Tailwind 2023

- Collaborated with a team to develop a modern sticky note/board SCRUM-based application using **React** and **react-beautiful-dnd** to give users a satisfying interactive workflow.
- Spearheaded the UI/UX and frontend design with **Tailwind**, delivering a versatile desktop-like experience
- Created intuitive, reusable React components for scrum boards, sticky notes, and the dashboard layout.
- Designed the logic for the routes and API endpoints for storing and fetching sticky notes with **FastAPI**
- Compatibalized the database collection operations using **MongoDB** to ensure efficiency when storing sticky notes on individual boards.
- Responsible for designing and implementing the drag-and-drop functionality for the sticky note components on the SCRUM board pages. Additionally, managed the dynamic state of the sticky notes on the front end and ensured instant synchronization with the backend.

**Myoot** | Dev | [gitlab.com](https://gitlab.com) | React, Tailwind CSS, Framer Motion, Spring 2023

- Developed design guidelines to ensure consistency across all existing and future Myoot-apps with **Tailwind** to emphasize branding with realistic and modern animations through various usage of state management
- Demonstrated the core functionality of the app with **React** and **Framer custom hooks** by creating a demo section to allow the user to interact with the sticky notes through dragging gestures

**CarCar** | Dev | [gitlab.com](https://gitlab.com) | React, Django 4, Bootstrap, Postgres SQL, Docker 2023

- Worked with a partner to develop a car servicing management application using **Django** and **Docker** to follow domain-driven design principles through the usage of polling data from independent apps
- Constructed a modern frontend with a simple UI using **React** with **Bootstrap** to manage various states to display constant additions of new incoming data.

## Professional Experience

---

**Coding Instructor** | theCoderSchool | Walnut Creek, CA 2023-Present

- Taught students in 2-on-1, 1-on-1, and larger group settings various programming languages and web development concepts.
- Developed lesson plans to give students a structured and interactive experience prior to their sessions.
- Provided mentorship to students by guiding them through their personal projects.

**Math Tutor / Teaching Assistant** | Napa Valley College Math Center | Napa Valley, CA 2020-2021

- Curated and developed engaging lesson plans to teach students in either a personal or group setting.
- Asserted academic integrity by overseeing in-person exams and reaching out to students to clarify answers.
- Provided reliable assistance for student walk-ins by assisting them in scheduling appointments with preferred tutors and providing on-demand help with their current assignments

## EDUCATION

---

**Hack Reactor** | Advanced Software Engineering Immersive Program 2023

**University of California, Davis** | Computer Science Major 2021-2022

**Napa Valley College** | A.S Mathematics 2021

