

Christian Felix

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TECHNICAL SKILLS

Programming Languages | JavaScript, TypeScript, Java 17, Python 3, C++, SQL, HTML5, CSS

Front-End | React, Redux Toolkit, Tailwind, Bootstrap, DOM manipulation, WebSockets, WebRTC, Socket.io

Back-End | Express.JS, Node.JS, Spring Boot 3, Spring 6, Django 4, PostgreSQL, MongoDB, FastAPI, OAuth2.0

System Design/Development | Monoliths, Microservices, Domain-driven design, Agile methodologies

Tools | Jira, Figma, GitHub, GitLab, Docker, Insomnia, Postman

Application Development Experience

Raynian | Lead Dev / Project Manager | [GitHub](#) | React, MongoDB, Express.JS, Redux, WebSockets 2023-Ongoing

- Led a team of 5 in developing a Social-Productivity Pomodoro app, facilitating collaborative studying and task management.
- Designed and implemented user-centric features, including a task management system allowing users to create and view task logs seamlessly, using **React** and **Tailwind CSS**.
- Created modern **UI/UX** mockups with **Figma**
- Implemented **OAuth 2.0** Google Authentication and **JWT** authorization
- Developed backend models and relations for Users and Room Sessions using **MongoDB** and **Express.JS**.
- Integrated peer-to-peer communication using **WebSockets** and **Socket.io** for enhanced user interactions.

Scrumptious | Fullstack Developer | [Demo](#) | [GitHub](#) | React, FastAPI, Mongo, Docker, Tailwind 2023

- Collaborated in a team to deliver a SCRUM-based application, utilizing **React**, **FastAPI**, and **MongoDB**, providing dynamic sticky note management.
- Performed constant **CI/CD** and unit testing through **GitLab**, maintaining high-quality production releases.
- Created a drag-and-drop sticky note system that simultaneously synchronizes with the database through custom **MongoDB query operations** and frontend state manipulation
- Performed end-to-end development by designing **React** component functionality and implementing UI with **Tailwind**
- Created data flow charts to assist with designing sticky note endpoints and models to complement sticky boards

CarCar | Fullstack Developer | [GitLab](#) | React, Django 4, BootStrap, PostgreSQL, Docker 2023

- Developed a **Docker** web application to streamline car sales, service, and inventory management.
- Designed RESTful APIs using **Django**, adhering to domain-driven design principles for efficient inventory and sales microservices
- Constructed a user-friendly frontend with **React** and **Bootstrap**, effectively managing dynamic data display and state updates.

Professional Experience

Coding Instructor - Part Time | theCoderSchool | Walnut Creek, CA 2023-2023

- Taught programming languages and web development in 1-on-1, 2-on-1, and group settings
- Developed lesson plans and mentored personal student projects for interactive learning

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

- Created engaging individual and group lesson plans, elevating students' understanding of mathematics
- Offered on-demand academic support for walk-in students and appointment scheduling

Manager | Dunkin' | American Canyon, CA 2016-2019

- Maintained production pace with fewer workers by implementing a detailed nightly task list
- Established strong base foundations amongst new stores by training their crew members and providing their managers with time logistics to use as benchmarks for various tasks weeks before their opening

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program 2023

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

Napa Valley College | AS Mathematics 2021