Christian Felix

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TECHNICAL SKILLS

Programming Languages | Java 17, Python 3, JavaScript ES6+, C++, SQL, HTML5, CSS
Front-End | React, Redux Toolkit, Tailwind, Bootstrap, DOM manipulation, WebSockets
Back-End | Spring Boot 3, Spring 6, Django 4, PostgreSQL, MongoDB, FastAPI, ExpressJS, NodeJS, OAuth2.0
System Design/Development | Monoliths, Microservices, Domain-driven design, Agile methodologies
Tools | Jira, Figma, GitHub, GitLab, Docker, Insomnia, Postman

Application Development Experience

Raynian | Dev / Project Manager **|** GitHub | React, MongoDB, ExpressJS, Redux, WebSockets   *2023-Ongoing*
- Led a team of 5 to work on a Social-Productivity Application that allows users to meet and study together
- Established **AGILE** development workflow and engaged in peer code reviews
- Created modern **UI** mockups with **Figma** and pair programmed to implement the components with **React**
- Designed and implemented all backend models and handled user auth with **OAuth 2.0** and **Redux**
- Set up user-to-user interaction by establishing connections through **WebSockets** with **Socket.io**

T-issues | Dev **|** GitHub | Java, Spring Boot 3, Spring 6, MySQL, React   *2023-Ongoing*
- Created a Todo application based on project issues with **Spring Boot 3** and **React**
- Made use of the Spring MVC framework for the creation of RestfulAPI's and dependency injections
- Leveraged **React** to fetch endpoints and display issue information as a SPA

Scrumptious | Lead Dev **|** GitLab | React, FastAPI, Mongo, Docker, Tailwind   *2023*
- Collaborated with a team to develop a SCRUM-based application based on sticky notes
- Performed constant **CI/CD** and **unit testing** to ensure smooth production through **GitLab**
- 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 | Dev **|** GitLab | React, Django 4, BootStrap, Postgres SQL, Docker   *2023*
- Developed a web application with **Docker** that manages car sales, service, and inventory for a car dealership
- Created RESTful APIs with **Django** for inventory and sales microservices based on domain-driven design
- 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-Ongoing*
- 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 | A S Mathematics   *2021*