Christian Ludwell

510-393-7938 | cludwell@gmail.com | Portland, OR |
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SOFTWARE ENGINEER

TECHNICAL SKILLS

AWS S3, CSS3, C#, Daisy UI, Express.js, Flask, HTML5, JavaScript, Next.js, Node.js, PostgreSQL, Prisma, Python, React.js, Redux.js & Redux Toolkit, SQL, SQLAlchemy, Sequelize, Tailwind CSS, TypeScript, Zustand

WORK EXPERIENCE

FREELANCE SOFTWARE ENGINEER- Spokeswheel Conference, Remote   Jan 2024 – Present

Daisy UI, framer-motion, JavaScript, Next.js, Node.js, Prisma, Zustand

- Delivered a modern ecommerce site utilizing Stripe to receive registration payments, and Stripe webhooks to receive payment confirmation which then updated the status of the record within the application database.
- Developed a responsive and animated user interface with framer-motion, conditional upon the user's registration status, facilitating the ease of making payments or updating required information.

LEAD INSTALLER - Sunpower, Berkeley CA   Oct 2019 – Oct 2022

Sunpower is a leading producer of solar panels that also installs their own products. During my time with Sunpower I was a project manager that led all aspects of installations above grade.

- Trained all new hires in electrical and roof work ensuring company and OSHA safety compliance.
- Delivered approximately 2.3 megawatts of safe and quality solar installations compliant with the National Electric Code (NEC) and local requirements, from start to finish.

PROJECTS

SideQuest *Redux Toolkit, TypeScript, Prisma, Next.js, Tailwind CSS, Daisy UI, ChatGPT API*   **Live** | **GitHub Repo**

A full-stack DndBeyond clone, integrating the ChatGPT API for interactive "tabletop" roleplaying.

- Deployed Tailwind CSS for inline responsive styling and Daisy UI for rapid development.
- Utilized Prisma, an Object Relational Mapper (ORM), to interact with the SQL database efficiently and prevent SQL Injection attacks.

Spacey *React/Redux, JavaScript, Flask, Python, SQLAlchemy, Tailwind CSS, AWS S3*   **Live** | **GitHub Repo**

Collaboratively developed space themed Etsy clone using SCRUM and Agile methodologies.

- Assumed responsibility for responsive design of different media queries, ensuring a seamless user experience across devices.
- Demonstrated effective collaboration through efficient Git workflow and pair programming techniques.
- Applied transitions to modals through Tailwind CSS and React createPortal for responsive user interface.

Fancamp *React/Redux,, JavaScript, Flask, Python, SQLAlchemy, Tailwind CSS AWS S3*   **Live** | **GitHub Repo**

A self-directed App Academy fullstack capstone project and clone of Bandcamp.

- Successfully integrated AWS S3 to enable seamless uploads of images and audio files, improving the app's performance and scalability by offloading media storage and delivery to a reliable and efficient cloud service.
- Programmed user customizable styling for band pages allowing bands to showcase their unique branding.
- Implemented custom audio player to replicate Bandcamp functionality and react-player for video media.

EDUCATION

App Academy | Full Stack Software Engineering   Remote – 2023

Bachelor of Arts | Geography, International Development & Social Change   Clark University