

# Kalan Prudhomme

## Fullstack Software Developer



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/prudhomk



<https://www.kalanprudhomme.com/>

## ABOUT ME

Lifelong scholar always seeking out the next opportunity to learn something new. I love solving problems and improving the user experience!

## TECH STACK

### LANGUAGES

JavaScript (ES6)  
TypeScript  
HTML5  
CSS3  
PostgreSQL

### FRAMEWORKS &

### LIBRARIES

React  
Express  
Node  
SASS  
Superagent  
WebExtension API  
Bcrypt  
Puppeteer

### DEV PRACTICES

Test Driven Development  
Agile Workflow  
RESTful APIs  
Red-Green-Refactor  
Pair/Mob Programming

### DEV TOOLS

VS Code  
pgAdmin  
Heroku  
Netlify  
Postman  
Github CI/CD  
Miro  
Webpack  
Babel

### TESTING

Jest  
Q-Unit  
React-Testing  
Supertest

## PROJECTS

### CHORDIAL [GITHUB](#) | [WEBSITE](#)

REACT | CSS3 | POSTGRESQL | EXPRESS | NODE | BCRIPT | SUPERAGENT  
A visually stunning full stack music creation app centered on chordal harmonies.

Mob-programmed remotely in a 2-week sprint. Developed the data system, implemented authentication routes in the back end, and helped design app logic for displaying chords based on user input. Implemented audio features and mute functionality.

### JOJO'S BIZARRE API [GITHUB \(BACK END\)](#) | [GITHUB \(FRONT END\)](#) | [WEBSITE](#)

REACT | POSTGRESQL | NODE | EXPRESS | JAVASCRIPT(ES6) | SASS

### A RESTful API featuring characters from Jojo's Bizarre Adventure

Pair-programmed remotely in a 3-week sprint. Created the seed and stand data, helped implement dynamic SQL routes, wrote tests, setup hosting services, created front end homepage, contributed to styling and designing elements.

### IO-SPIO [GITHUB](#) | [WEBSITE](#)

HTML5 | CSS3 | JAVASCRIPT(ES6) | LOCAL STORAGE | JEST

### A digital version of I-Spy, with score leaderboards and visual flair.

Mob-programmed remotely in a 1-week sprint. Created the datasets that supplied images and objects to the game logic, created background images for the game pages, and created the app logo.

## WORK EXPERIENCE

### TIMBERCON - TUALATIN, OR | 03/2018-03/2021

Fiber Optic Technician

Was the go-to resource on the team for all processes, quality checks and debugging the toughest challenges. Collaborated with the engineering department and build team to meet daily goals and project deadlines. Created documentation for new builds and improved existing processes.

### UNITED STATES POSTAL SERVICE- LAKE OSWEGO, OR | 04/2017-09/2017

City Carrier Assistant

Consistently went the extra mile to provide the best service to postal customers. Known for incredible efficiency and attention to detail, being able to hand sort and deliver upwards of 600 pieces of mail based on address, customer info, and route position by memory.

### OREGON STATE UNIVERSITY- CORVALLIS, OR | 10/2013-06/2015

Cancer Research Assistant

Collaborated with research teams globally to write Scientific Papers, discuss research findings, and create data figures/3D-models.

Became proficient in Linux and ICM Molsoft within a week. Held daily standups to discuss research progress and plan for the day/week.

Utilized RSCB Database to pull datamodels for use in predictive 3D modeling of protein-ligand interaction.

## EDUCATION

### ALCHEMY CODE LAB - 2021

Full Stack JavaScript Bootcamp

### OREGON STATE UNIVERSITY - 2015

B.S. Biohealth Sciences, Minor in Toxicology