

Sean Finegan, Software Developer

Sacramento, CA

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DEVELOPER EXPERIENCE | 2021 – present

Full-stack Developer - Aura Technology

Currently building a web and mobile app with React and Google Maps.

- **Developing employee management software.** The application works with a mobile app to allow managers to build security routes that employees can follow and monitor at various locations. Detailed data is then recorded during patrols.

Software Developer - Hidden Mountain Data

Worked with Data Engineers and other team members rebuilding web applications.

- **Developed an auto proposal tool** that automatically creates a proposal letter for clients from meeting notes. Worked with Google API's, OpenAI API's and Next.js speeding up delivery time and saving time spent on proposals.
- **Helped build a large Vue/Nuxt application** with AWS and Prisma backend. From UI/UX design to adding customizable user alerts and customizable data tables.

Freelance Developer - Yard To Fork LLC

Developing solutions to increase customer loyalty, improve customer experience and decrease time spent on customer information management.

- **Building customer facing PWA** for customers on a monthly service plan.
- **Building a mobile-first web app** for admin to quickly access client data and preferences with real-time updates.

Front End Developer Intern - Onsite Analytics

Pair-programmed with a senior developer on the back-end and worked on various front-end tasks independently. Used GitLab for repository and collaboration.

- **Pair Programmed with senior developer** on backend logic. Parsed large JSON files and created a pdf parsing system for invoices to automate data entry.
- **Refactored front end logic and components** to create a better user experience. Utilized React, Typescript, Material UI, and Node.

OTHER WORK EXPERIENCE | 2008 – present

High School Teacher - Sacramento Unified School District

Worked with colleagues to plan, create, organize, and implement curriculum for various subjects. Continued to utilize technology to automate repetitive tasks.

- Built a grading app (Coach's Clipboard) to streamline assessments.
- Published a Chrome Extension used by many teachers in our district to bridge the gap between various spreadsheets and Infinite Campus.
- Served as department chair for 2 years.
- Wrote an **Apps Script** program (Google's javascript for drive) that turns a google form into a formatted Google Doc.

LINKS

Portfolio Page:

seanfinegan.dev

GitHub:

github.com/SFin12

SKILLS

JavaScript
Typescript
HTML5 / CSS /
SASS
React / Redux
Next
React Native
Vue / Nuxt
Bootstrap / MUI
Node JS / Express
Python
NoSQL / SQL
Firebase / JSON
Web Applications
Google Apps Script
Git/GitHub/GitLab
VS Code
NPM / Yarn
Bash/Terminal
RESTful API
Nest.js
MongoDb
Prisma
Tailwind

PROJECTS

Portfolio Site - *React / SASS / Bootstrap / Github / VS code*

Personal portfolio site that hosts information about projects and my background.

- **Migrated website** from cPanel / NameCheap to Firebase.
- **Custom responsive single page website** with a custom side drawer.

Infinite Campus Autofill Chrome Extension - *VS Code / JavaScript / Chrome API's*

A published Chrome extension that allows users to copy columns and rows in Google Sheets, Excel, Pages and other tables to the clipboard and automatically transforms the data into a JSON formatted array of objects.

- **Transformed spreadsheet data into JSON** format from clipboard data.
- **Solved grade transfer problem** from outside sources into Infinite Campus for teachers.

Chorzy - *React / Redux / Firebase / CSS / React-bootstrap / RTK*

Personal project used by friends and family. Originally designed as a very simple chore app that became more complicated over time. The chore allows the user many dynamic choices that are unique to each user.

- **Designed, built and deployed** as a progressive web app (PWA) to be used on mobile devices, tablets and desktops.
- **Refactored data structures** to allow for future updates.

Coach's Clipboard - *React / Redux / Firebase / CSS / SASS / React Router*

Web application for coaches and PE teachers. Currently being used as a grading app that replaces the traditional clipboard. New features continue to be added.

- **Mobile first PWA / SPA** assessment tool for coaches and PE teachers
- Chosen for **Nucamp's project spotlight**

Armored Coatings - *HTML5 / CSS / JavaScript / API's*

Simple and clean custom landing page for an epoxy company in Idaho.

- **Custom designed** landing page built for simplicity.
- **Connects to several API's** for use with the quick estimate.

EDUCATION

Nucamp Coding Bootcamp - *August 2021 – January 2022*

Full Stack bootcamp focusing on the MERN stack. Graduated with Honors from the Full Stack Program

CSU Sacramento - *July 2005 – December 2007*

B.S. in Kinesiology. Completed post-graduate work to obtain my teaching credential in 2008