GREG MALL

SOFTWARE ENGINEER

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SKILLS

- JavaScript
- Redux
- React
- HTML
- CSS
- Tensorflow
- Twillio
- Socket.IO
- Node.js
- SQL
- PostgreSQL
- Express
- Firebase
- Heroku
- Supertest
- Jest

EDUCATION

FULL-STACK JAVASCRIPT SOFTWARE ENGINEERING

Alchemy Code Lab | 2020-2020

COMPUTER AND INFORMATION SYSTEMS, SPANISH

Humboldt State University | 1992-1998

Full-stack software engineer delivering an artist's eye to modern software development. A life long musician and a professional artist, bringing a passion for design and striving to create harmony out of complicated problems.

WORK EXPERIENCE

KEEPER AI   2021-Present

Front End Developer

Built a new feature to an existing code base that displays the soft skills of a user identified by a behavior algorithm. Created a graph that displays characteristics of the user's personality using CSS and React. Built interactive components that allow users to post vibes and innovations to be displayed in a team page. Integrated an existing Firebase database with a new back end currently being built. Currently working on a Microsoft Teams integration that will share various components of the KeeperAI app to others on a teams call.

SYNTHESIS GLASS   2003-2020

Owner/Operator

I ran all aspects of this business from production to marketing to sales. Starting with a small operation and a handful of products, I grew this business to over a 40 items catalogue with nationwide distribution and recognition. I built a reputation for creating very consistent and high quality products for a competitive price.

RECENT PROJECTS

THE CANARY PROJECT   SITE   GITHUB

React, Node, CSS, TensorFlow, Socket.IO

Canary is a learning platform that makes virtual learning environments that engage students through movement. This app was built during a week long sprint. We utilized socket.io technology to create a virtual classroom and TensorFlow pose recognition to detect gestures as responses. I was tasked with implementing the calibration page of the app that allowed users to determine what gestures they would use as responses.

PROJECT VOBOT   SITE   GITHUB

Node, PostgreSQL, Jest, Heroku, Twilio, Twitter

A Twitter bot that sends state specific voting information to users via text message or via Tweet. Using the Twit library from the Twitter API I implemented the bot function that replied to Twitter users who tweeted at our bot with a state name. I also created the database of quotes that our bot tweeted using PostgreSQL.

WHAT'S COOK'N   SITE   GITHUB

React, Node, Jest, PostgreSQL, React Sidenav, Calendar IO

A recipe search and meal planning app that lets the user schedule meals or a week or a month. I worked with a teammate to build the back end of our app using Node, creating the database and endpoints that would serve the front end. I also implemented the calendar using Calendar IO for React.