

# 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. Working closely with the CEO created a graph that identifies characteristics of the user's personality using CSS and React. Integrated an existing Firebase database with a new back end currently being built.

### 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](#), [Twillio](#), [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.