

# KATE AN

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## SKILLS

**Proficient:** HTML, CSS, Javascript, Bootstrap, API, JSON, mySQL, Mongoose, Node.js, Express, Git.

**Familiar:** Java, React.js, Authentication, Unit Testing, Postman, Cloudinary, Responsive Design, Heroku.

## PROJECTS

### Campground Finder

Jul 2021 – Present

EJS | Bootstrap | Express | REST | Mongoose | Error Handling | Validation | Authentication | Controllers

- Implemented CRUD functionality for campground data by utilizing RESTful routes in Express.
- Applied client side validation in HTML and server side validation through Joi schema validation.
- Accounted for errors by using express middleware to throw errors inside async functions, providing error message and status code feedback for the user.
- Decreased code redundancy by using EJS and Ejs-mate to create partial and boilerplate templates.

### Spontaneous Weekend

Sep 2020 – Oct 2020

HTML5 | CSS | Javascript | Node.js | React.js | API | mySQL

- Programmed the restaurant randomizing backend function of the application using the TripAdvisor API, JSON, and Ajax calls by inputting user coordinates to find the top 10 restaurant results nearby their location, saving them time in decision making.
- Contributed to client side development in refactoring application code into React components to allow for reusability throughout the application.
- Generated SQL schema and connected user favorites data to mySQL database.
- Collaborated with teammates to create a responsive full stack application and presented to professionals.

## WORK EXPERIENCE

### Manufacturing Downstream Associate

Mar 2019 – Apr 2021

AVID Bioservices, Tustin CA

- Reviewed production records and advised for instruction changes to be more concise to the operators.
- Initiated incident reports to improve process efficiency and lower process cost by finding the root causes and coming up with preventative/corrective measures.
- Organized and compiled production materials lists to ensure correct material usage and limit waste.
- Managed and trained new associates in equipment usage and good process documentation in accordance with FDA standards.

## EDUCATION & CERTIFICATIONS

Certification in Full Stack Developer/ Trilogy Inc. Bootcamp

Apr 2020 - Oct 2020

Bachelors of Science Bioengineering / University of California of Riverside

Sep 2014 - Jun 2018

## INTERESTS

Drawing | Design | Anime | Webtoon | Gaming | Fashion | Beauty