

# WILL KEE

## FULL-STACK SOFTWARE ENGINEER

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Denver, CO

## SKILLS

React, Redux, Node.js, Express.js, Javascript, HTML5, CSS3, PostgreSQL, SQL, Git, Heroku, Docker, AWS, Google Maps API

## PROJECTS

**CampBnB** (JS, ReactJS, Redux, Express, Node, PostgreSQL, Sequelize, HTML, CSS, AWS, Google Maps API)

[live](#) | [github](#)

*Airbnb clone for users to host camping spots, or book an existing spot.*

- Independently implemented an image file upload system using **Amazon Web Services (AWS)** to improve the user experience while ensuring file size limits of 1MB and appropriate image file types using Express Validators.
- Incorporated an embedded map using the **Google Maps API** to improve user experience and display a responsive and dynamic visual representation of the location of a hosted spot.
- Acquired the use of **React-Calendar** to implement a dynamic calendar that disabled booked dates to prevent double-booking, and ensured further application security with **Express Validators**.

**FindTable** (ReactJS, Redux, Python, Flask, PostgreSQL, Docker, HTML, CSS, Google Maps API)

[live](#) | [github](#)

*OpenTable clone, NYC-based, where business owners can list their restaurants and users can make reservations.*

- Collaborated with a team of 3 to construct a full-stack application with 4 CRUD features in 1 week.
- Single-handedly **reduced load time by 8 seconds** per page on **Heroku** and improved scalability by refactoring the Redux state and leveraging Python to pull only required information for each page.
- Programmed **CSS modules** to improve scalability and allow for simpler CSS class names.
- Integrated use of **Docker** dev container to resolve M1 architecture incompatibilities with Psycopg2.

**MoOA** (JS, Node, Express, PostgreSQL, Sequelize, HTML, CSS, AWS)

[live](#) | [github](#)

*Museum of Online Art – Medium clone where artists can share their artwork and can be liked or commented on.*

- Coordinated with a team of 3 to construct and design a dynamic full-stack application with 4 CRUD features in 1 week.
- Upgraded from an external image link to **Amazon Web Services (AWS)** as a team to allow users to upload their artwork or profile picture directly from their computer to vastly improve user experience.
- Implemented an aliased self-referencing many-to-many relationship within the User model in **Sequelize** to handle users following each other.

## EXPERIENCE

**Home Theater Agent** | *Best Buy Geek Squad*

Nov 2020 - Nov 2021

- Initiated communications to fellow agents through **Microsoft Teams** to assist in the safe movement of heavy electronic equipment within customers' homes for a **50% more efficient workflow** and to reduce overall customer wait time.
- Mobilized with a large team** of professional agents to coordinate logistical challenges and safely transport sensitive electronic equipment locally.
- Communicated effectively with customers** to provide a positive service experience while navigating to ambiguous locations with no Google Maps data.

**Line Service Technician** | *Signature Flight Support, Atlantic Aviation*

Jan 2018 - Dec 2018

- Ensured enthusiastic, proactive, and personalized service to **high net worth clients above \$60-100 million** while also **ensuring confidentiality** in cases of celebrities or high-profile clients.
- Coordinated with a team of 3-5 to ensure the safe operation and movement of aircraft and other vehicles on the ramp using a two-way radio transceiver in a **fast-paced and high-noise environment with zero safety incidents**.

## EDUCATION

**Software Engineering Bootcamp** - App Academy | 2021 - 2022 | 24 weeks | 1000+ hours training | < 5% acceptance rate

**BSc Aviation Science & Administration** - Western Michigan University | 2011 - 2015 | Summa Cum Laude | GPA 3.95