WILL KEE

SOFTWARE ENGINEER

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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 input 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 - Present
- 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*