

COMPETENCIES

Individual Skills: Quick Study, Self-Motivated, Passionate, Solution-Oriented, Team-Player, Empathetic, Adaptable

Software Languages: Java, JavaScript, Python, Socket.io, AWS S3, React.js, jQuery, Jinja, Pug, Redux, SQL, SQLAlchemy, Docker, Git, HTML5, CSS3

PROJECT PORTFOLIO

WindVentory

[Live Site](#) | [Github](#)

Business application utilizing Javascript, Python, Redux, and Socket.io for real time updates and chat features. Engineered to decrease lost time, wasted materials, and overall cost of large-scale blade repair jobs in the Wind Energy sector.

- Engineered back and front-end permissions for the applications 4 user types, together with a functional, user-friendly admin panel for the business owner.
- Engineering design choices based on ease of use and optimizing user experience, while minimizing time and space complexity.
- Implemented real time chat, inventory management and permission changes using Socket.io.

Chatter

[Live Site](#) | [Github](#)

Slack clone developed with 3 other software engineers within a 1 week timeframe utilizing AWS S3, Javascript, Python, SQLAlchemy, and Socket.io.

- Architected the application's general structure and redux for ease in delegation of components / pages to teammates.
- Utilized Kanban board to organize team development tasks and effectively manage delegated tasks through project completion.
- My development contributions include implementation of dashboard layout, chat features, AWS setup, and Societ.io connections, in conjunction with the development of most of the application's back-end routes.
- Applied customized design and functionality to the react-quill library for smooth user experience in live chat.

SoundCloud

[Live Site](#) | [Github](#)

SoundCloud clone developed within a 1 week timeframe utilizing AWS S3, Javascript, Express.js, React.js and Redux.

- Created dynamic, hand-made music player with Howler.js, and waveSurfer.js, utilizing a set to prevent duplicate comments from being rendered on the waveform, while keeping time complexity to a minimum on re-render.
- Engineered the base application state and store from scratch, enabling the user to listen to songs while navigating to different pages of the website
- Implemented algorithm to sort top 8 most liked songs within the database at an efficiency of $O(n \log n)$.

EXPERIENCE

Beginner Lead Blade Repair Technician

Rope Partner, Feb 2020 - May 2022

- Provided ground support to advanced repair technicians during blade repair, partnering with technician to gain blade repair experience.
- Purposefully took assignments for large / complicated blade repairs to expedite my learning / growth process as an emerging repair technician.
- Achieved high quality in my blade repairs, as acknowledged thru positive feedback of both blade services team and customer resulting from my technician partnering, attention to details and communication with clients
- Increase site wide technician productivity through development and maintenance of a ground support inventory tracking application using Google Appsheet in conjunction with several spreadsheets.

Supervisor, Retail Coordinator, Opener

Planet Granite, September 2018 - November 2019

- Twice recognized as top performing employee in quarterly Company Staff Meetings. Consistently requested by management to take on out-of-scope tasks.
- Received promotions to Supervisor and Retail Coordinator (8 months) that included responsibility for prompt daily opening of the gym.
- Responsible for training and coaching new hires and existing employees on proper customer etiquette as well as business policies and procedures

EDUCATION

App Academy - Immersive software development course on full stack web development, 20% passing rate with no deferrals, <3% acceptance rate (Winter/Spring 2022)

West Valley College - AA - Psychology (September 2017 - May 2019)