David Salas

SOFTWARE DEVELOPER

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TECHNICAL SKILLS

Languages: JavaScript, Python, SQL, HTML5, CSS3

Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgreSQL, AWS S3, Node.js, Postman, WTForms, Alembic

Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), troubleshooting, Scrum Methodologies, GitHub, git

PROJECTS

Web Chord Web application for musicians to display tour and merch information   **Live | GitHub Repo**

- Devised SQL database with Alembic and SQLAlchemy which allowed scalability for new features and readability for future developers
- Implemented image storage utilizing AWS S3 so users don't need to host their own images and provides a seamless user experience (UX)
- Created tours and merch with Flask on the backend and React on the frontend for easy communication between the two

Rent A House Full stack clone of Airbnb that allows users to rent properties   **Live | GitHub Repo**

- Built REST API utilizing Express to allow users to Create, Read, Update, and Delete (CRUD) information about spots, bookings, images, and reviews
- Applied images with Sequelize to permit the easy implementation of a generic foreign key, making the imageable associations dynamic
- Constructed bookings utilizing Express-Validator to maintain the integrity of data, preventing double or overlapping bookings

Spotify2 Full stack clone of Spotify that allows users to upload / listen to music   **Live | GitHub Repo**

- Established user authentication with Flask-Login to protect user specific data by hashing passwords before storing, while also requiring a valid JSON Web Token to authorize user access
- Assembled songs using redux by retrieving and storing pertinent information about songs in the browser for a faster UX
- Designed likes with React-Icons that created an iconic button for a visual representation of a users' like

WORK EXPERIENCE

AV TECHNICIAN   MCA Communications, Houston, Tx   **Aug 2021 – May 2023**

- Programmed and commissioned Audio-Visual (AV) / Communications Systems with Q-SYS Designer and Shure Designer to ensure seamless collaboration and communication amongst the clients' employees
- Trained co-workers in AV standards and techniques, laying a solid foundation for a career in AV
- Led small teams in the installation of AV / Communications Systems that improved the standard of work being done at the company

SOUND TECHNICIAN   Holy Family Episcopal Church, Houston, Tx   **May 2019 – Aug 2022**

- Established a minimum standard for the quality of sound during Sunday worships using x32 Edit to provide a pleasant experience to the congregation
- Supported musicians in technologies like In-Ear Monitors, amplifiers, and Digital Signal Processors (DSPs) for a rich stage experience, allowing the music department to grow by 60%

EDUCATION

Certificate |Software Development   App Academy – 2025

Associate of Applied Science | Music Recording   San Jacinto Community College – 2018