David Salas

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Summary

Software Engineer with hands-on experience in JavaScript, React, and Redux, passionate about building reliable and scalable web applications. Demonstrates strong collaboration and problem-solving skills from previous roles in technology. Adept at crafting clean, maintainable code alongside cross-functional teams to deliver engaging, user-focused experiences

TECHNICAL SKILLS

- **Languages**: JavaScript, Python, SQL, HTML5, CSS3
- **Frameworks/Tools**: Sequelize, SQLAlchemy, PostgreSQL, Node.js, React, Redux, Express, Flask, AWS S3, Postman, WTForms, Alembic
- **Key Skills**: Scrum Methodologies, GitHub, git, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Pair Programming, troubleshooting, Web Development, RESTful APIs, UI/UX principles, Microservices, Responsive Design

PROJECTS

Web Chord | Live   **Dec 2024 - Jan 2025**
App Academy   *Remote*
- 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 | Live   *Remote*
App Academy   *Remote*
- 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 | Live
App Academy   *Remote*
- 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

MCA Communications   **Aug 2021 - May 2023**
AV Software Programmer   *Houston, Tx*
- 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, which increased team proficiency and supported career development in AV
- Collaborated with small teams during the installation of AV and Communications Systems, improving project quality and operational effectiveness, which led to successful project completions and satisfied clients

Holy Family Episcopal Church   **May 2019 - Aug 2022**
Sound Engineer   *Houston, Tx*
- Optimized sound quality during Sunday worships by configuring audio systems with x32 Edit, ensuring a consistently pleasant auditory
  experience for the congregation
- Supported musicians by managing technologies such as In-Ear Monitors, amplifiers, and Digital Signal Processors (DSPs), contributing to a 60% growth in the music department

EDUCATION

App Academy   **Nov 2023 - Jan 2025**
Certificate, Software Development   *Remote*

San Jacinto Community College   **Aug 2012 - May 2018**
Associate of Applied Science, Music Recording   *Pasadena, TX*