

Professional Summary

Forward-thinking technology professional transitioning to software development, combining full-stack development expertise with 12+ years of business leadership experience. Proven track record of leading technical implementations and scaling operations from \$1.5M to \$5M+ in revenue. Demonstrated ability to manage high-stakes technical productions for Fortune 500 executives and government leaders.

Technical Skills

Core: JavaScript, Python, SQL

Tools: Git, Nginx Proxy Manager, Storybook, MinIO

Frontend: React, Redux, Redux Toolkit, RTK Query, React Router, CSS Modules

Backend: Flask, Flask-SQLAlchemy, Flask-Smorest, Express, Sequelize, PostgreSQL, SQLite

Technical Projects

TaskFlow - Project Management Application *taskflow.sbt1.dev*

React • Redux • Flask • Flask-SQLAlchemy • PostgreSQL

- Built interactive sprint management interface with drag-and-drop functionality for intuitive task allocation across sprints
- Engineered reusable EditableField component with custom hooks for inline content editing
- Implemented optimized state management using Redux and Flask-SQLAlchemy, featuring dedicated slices for tasks/sprints/users and complex hierarchical relationships
- Developed responsive timeline grid system with dynamic date calculations and segregated task views

Atria - Virtual Event Platform *atria.sbt1.dev*

React • Redux Toolkit • Flask • Flask-SQLAlchemy • PostgreSQL • Storybook

- Implemented secure JWT authentication system using RTK Query and Axios interceptors
- Engineered complex database schema with declarative models for events, sessions, and user roles, featuring role-based access control
- Developed custom session layout algorithm for dynamic agenda visualization with concurrent session handling
- Implemented API documentation and validation using Flask-Smorest with Marshmallow schemas

SpookySpot - Property Rental Platform *spookyspot.sbt1.dev*

React • Redux • Express.js • Sequelize • PostgreSQL • MinIO

- Engineered secure image management system with MinIO object storage, featuring client-side validation, preview functionality, and server-side processing
- Engineered RESTful API endpoints using Express.js and Sequelize ORM for property management

Professional Experience

Vice President of Operations

Marx Productions, Chandler, AZ | Jul 2017 - Dec 2023

- Led emergency COVID-19 pivot to virtual events, transforming service delivery and growing revenue from \$0 to \$500K+ annually
- Implemented JavaScript/CSS solutions for virtual event platform customization, including Calendly integration and custom presenter interfaces
- Managed technical production for 100+ virtual events (15-1,200 attendees) featuring high-profile speakers including President George W. Bush, SEC Chairman Gary Gensler, and Fortune 500 CEOs
- Orchestrated live event productions (15-2,000 attendees) for President Biden, President Trump, VP Harris, and corporate leaders
- Scaled company operations from \$1.5M to \$5M+ in revenue while growing team from 15 to 50 employees

Operations Coordinator

Marx Productions, Chandler, AZ | Jul 2011 - Jul 2017

- Optimized operational processes and implemented cost-saving measures for live events
- Managed day-to-day operations and client relationships with Fortune 500 companies and industry leaders

Education

App Academy

Software Engineering Program | 2024

Arizona State University

Bachelor of Science in Biochemistry