

Professional Summary

Full-stack software engineer specializing in React/TypeScript and Python, with production experience building multi-tenant SaaS platforms, scheduling systems, and ERP integrations. Brings 12+ years of business leadership to technical decisions - understanding both the code and the business impact.

Technical Skills

Frontend: JavaScript, TypeScript, React, Next.js, React Router, React Hook Form, Redux Toolkit, RTK Query, Zod, Tailwind CSS, Motion, GSAP, Socket.io

Tools: Git, Nginx, Postman, MinIO, Docker, Payload CMS, Swagger/OpenAPI

DevOps/Infrastructure: Kubernetes (K3s), Longhorn Storage, GitHub Actions CI/CD, Cloud Native PostgreSQL, Backblaze B2, Docker Compose

Backend: Flask, SQLAlchemy, Express, FastAPI, Sequelize, PostgreSQL, SQLite, Marshmallow, Pydantic, Atomic Agents

Portfolio & Infrastructure

See sbt1.dev for live demos of portfolio projects including an AI-powered assistant built with FastAPI, pgvector, and RAG. All projects self-hosted on bare metal K3s cluster with Longhorn distributed storage, Cloud Native PostgreSQL, and GitHub Actions CI/CD pipelines.

Professional Experience

Software Developer

BizPower360, Nashville, TN (Remote) | Nov 2025 - Present

- Developed customer-facing scheduling system with three-tier authentication, timezone-aware availability calculation, and workflow orchestration across contact management and calendar booking
- Built internal ERP tools and client portal dashboards managing complex state across document signing workflows, cross-contact permissions, and real-time status synchronization
- Created Python CLI tool to export platform configuration for IDE-based development, improving team workflow efficiency
- Architected data pipelines across 60+ interconnected datasets using parameterized SQL segments and workflow automation for three business units

Lead Developer

Atria (Open Source) | Feb 2025 - Present

- Architected multi-tenant SaaS platform with hierarchical RBAC supporting 8 distinct permission levels across organizations and events
- Built real-time communication system with Flask-SocketIO handling 5 chat room types and direct messaging
- Designed PostgreSQL schema with 17 models supporting event hierarchies, fractional indexing, and soft-deletion patterns
- Developed dual-token authentication combining httpOnly JWT cookies with WebSocket tokens for secure cross-domain support
- Maintained test suite with pytest covering models, services, and integration tests using factories for test data generation
- Open source project with 75+ GitHub stars, listed on selfh.st; coordinated TypeScript migration through PR reviews and deployment

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
- 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

Education

App Academy

Software Engineering Program | 2024

Arizona State University

Bachelor of Science in Biochemistry