Steven Glab

steven@sbtl.dev │ sbtl.dev │ Github │ LinkedIn

Professional Summary

Full-stack software engineer 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

Frontend: Next.js, React Router + 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

Technical Projects

All projects self-hosted on 2-node bare metal K3s cluster (Ubuntu 24.04) with Longhorn distributed storage backing up to Backblaze B2, Cloud Native PostgreSQL for database management, automated GitHub Actions CI/CD pipelines with backend testing deploying to staging (worker node) and production (HA across control plane + worker) environments

Atria - Virtual Event Platform & Professional Networking *atria.gg*

React • Redux Toolkit • RTK Query • Mantine UI • Flask • SQLAlchemy • PostgreSQL • Redis • Socket.IO • MinIO

- 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
- Implemented robust API architecture with 11 RTK Query slices, automatic cache invalidation, and standardized error handling across 40+ endpoints
- 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
- Integrated MinIO object storage with automated image optimization and bucket-level security for multi-tenant file management
- Implemented full staging/production deployment pipeline with GitHub Actions CI/CD - dev branch deploys to worker-weighted staging environment, production configured for HA with rolling updates across control plane and worker nodes

Interactive Portfolio with AI Assistant *sbtl.dev*

Astro 5.1 • React 19 • TypeScript • FastAPI • PostgreSQL • Redis • OpenAI/Gemini • SQLAlchemy 2.0 • GSAP

- Built portfolio with AI assistant that dynamically reimagines landing page per interaction vs traditional chat
- Architected FastAPI backend with async SQLAlchemy, pgvector semantic search, and Redis caching
- Leveraged OpenAI/Gemini APIs with Instructor for type-safe outputs and Atomic Agents framework
- Engineered RAG system with vector embeddings for contextual portfolio content retrieval

HILLS - Music Artist Website *itshillshouse.sbtl.dev*

Next.js • TypeScript • Zustand • Framer Motion • Tailwind CSS • Payload CMS • MongoDB • Docker

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

Education

App Academy
Software Engineering Program │ 2024

Arizona State University
Bachelor of Science in Biochemistry