




# Luke Stogsdill

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## Full Stack Developer

Full Stack Developer with 2+ years of experience building high-performance web apps and practical backend systems. Strong focus on clean architecture, fast load times, and turning rough concepts into polished, production-quality products.

### TECHNICAL SKILLS

Frontend:	React, Next.js, Svelte5, TanStack Query, TypeScript
Backend:	Node.js, Golang, Python, C++, oRPC, Convex
Databases:	MongoDB, PostgreSQL, MySQL, SveltiaCS
DevOps:	Docker, CI/CD, Cloudflare, Hetzner, Git

### WORK EXPERIENCE

**Co-Founder - Lobby Media | Web Design** June 2024 - Current

- Delivered lightweight, SEO-optimized static sites achieving perfect PageSpeed scores
- Improved client sites with faster load times, modern UI, and clearer information flow
- Implemented CMS editing so clients can manage content without developer involvement
- Shipped production websites and polished demos across medical, service, and event niches

Tech: Svelte5, Next.js, TypeScript, SveltiaCS, Cloudflare

**Contract Developer - Freelance Software Consultant** December 2023 - June 2024

- Engineered a microservice for IoT devices that processed and updated alert states as new events entered PostgreSQL
- Implemented a PostgreSQL listen/notify workflow with caching to reduce repeated queries and improve responsiveness
- Built an operator dashboard to review alert history and monitor device status from a unified interface

Tech: Next.js, Golang, PostgreSQL, MongoDB, Docker, Hetzner Cloud

### PROJECTS

**Sibyl - Daily Morality Quiz**

- Developed a daily quiz platform with smooth response tracking and user comparison features
- Added AI-driven insight generation to highlight behavioral patterns
- Implemented the full frontend, backend, and reactive data flow

Tech: React, TypeScript, Convex, TanStack Query, oRPC

**AI VTuber Content Creator**

- Architected an automated pipeline that parses video frames and WhisperX transcripts to extract context and timing
- Generated LLM-driven character reactions with synthesized speech aligned to motion data from a Live2D model
- Automated final production by compositing the character, synced audio, and subtitles onto the original footage

Tech: React, Python, C++, Live2D Cubism SDK, WhisperX, OpenAI API

### EDUCATION

**Coding Temple - Software Engineering** April 2023