




Luke Stogsdill

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QA Automation Engineer

QA-focused engineer with a strong full-stack background, building automated checks, validating backend logic, and improving reliability across modern web stacks. Experienced in debugging, verifying API correctness, simulating system behavior, and reducing manual QA through custom tooling.

TECHNICAL SKILLS

| | |
|-------------|---|
| Automation: | API Test Automation, State Validation Scripts, CI/CD Test Checks, Event Flow Simulation |
| Tools: | Postman, Node.js, Python, Golang, Docker, GitHub Actions, Cloudflare |
| Frontend: | React, Next.js, Svelte5, TypeScript |
| Backend: | Node.js, Golang, Python, oRPC, Convex |
| Databases: | MongoDB, PostgreSQL, MySQL, SveltiaCS |

WORK EXPERIENCE

Developer - Lobby Media | Web Design June 2024 - Current

- Built utilities to verify consistency across CMS templates and API-driven components
- Implemented automated checks for rendering correctness and deployment regressions
- Analyzed Cloudflare logs and performance metrics to diagnose routing and caching issues
- Reduced manual QA overhead by creating scripts that catch repeated content issues

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

Developer - Freelance Software Consultant December 2023 - June 2024

- Simulated IoT device events to validate alert processing across microservices
- Wrote automated checks for state transitions, caching behavior, and real-time updates
- Developed Go-based validation tools for API payloads and timing analysis

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

PROJECTS

Sibyl - Daily Morality Quiz

- Wrote automated checks for user flow correctness and data consistency
- Built tools to validate API timings, leaderboard accuracy, and reactive updates
- Analyzed backend event triggers under varying loads to identify performance issues

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

AI VTuber Content Creator

- Created scripts to validate frame alignment, timing accuracy, and dataset integrity
- Automated detection of desync between transcripts, audio, and motion
- Built verification steps to catch compositing or timing defects in generated videos

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

EDUCATION

Coding Temple - Software Engineering April 2023