Cameron Graham

QA Automation Engineer | SDET | Python & Cypress Specialist

Oklahoma City, OK | 661-972-5200 | Cameron.graham.dev@outlook.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#) | [Freelance](#)

PROFESSIONAL SUMMARY

QA Automation Engineer with a strong foundation in full-stack architecture and a specialization in test automation. Expertise in designing robust E2E testing frameworks using Cypress and Playwright, and automating complex backend workflows with Python and n8n. Proven track record of reducing manual testing time by 60% and ensuring 99.9% uptime for revenue-critical platforms. Adept at identifying root causes in API logs and implementing automated regression suites to prevent production defects.

TECHNICAL SKILLS

Testing: Cypress (E2E), Playwright, Pytest, Jest, Postman (API Testing).
Automation & Scripting: n8n (Workflow Automation), Python (Scripting & Bots), Bash, GitHub Actions (CI/CD).
Languages: JavaScript (ES6+), TypeScript, Python, SQL.
AI & Dev Environment: Cursor (Daily Driver), Google Antigravity (AI IDE), Gemini, Meta Prompting, BMAD Method
Backend & APIs: REST Architecture, FastAPI, Node.js, Express, Stripe API, EasyPost API.
Frontend (White Box): React, Redux, HTML5/CSS3, Accessibility (WCAG), Chrome DevTools.
Tools: Git/GitHub, Docker, VS Code, Jira (Ticket Management), Supabase, Vercel.
Databases: PostgreSQL, SQLite, Knex.
Concepts: Algorithms, Data Structures, State Management, Deployment, Debugging

EXPERIENCE

Lead Automation Engineer | Legendary Printed Loot - Oklahoma City, OK - October 2025 - Present
- Architected an automated End-to-End (E2E) testing suite for the e-commerce checkout flow using Cypress, ensuring 100% reliability for revenue-critical payment processing and shipping label generation.
- Designed self-healing n8n workflows to validate inventory data against Stripe webhooks, automatically flagging discrepancies and reducing order processing errors by 95%.
- Implemented API contract testing to verify third-party integrations (EasyPost/Stripe), preventing regression bugs during external API updates.
- Reduced manual administrative workload by 40% through automated error handling and logging, maintaining 99.9% system uptime.

Software Engineer (Internal Tools) | *Tatco Construction - Remote / OKC, June 2025 - October 2025*
- Established the company's first automated testing protocol for the BOLT 2.0 CRM, writing 100+ unit and integration tests using Pytest (Python) and Jest (React) to validate critical user management features.
- Documented and tested 100+ API endpoints using Swagger UI and Postman, enabling rapid debugging and ensuring data integrity for internal stakeholders.
- Reduced manual regression testing cycles by 60% by integrating automated test scripts into the deployment pipeline.
- Conducted rigorous performance testing on the frontend, optimizing large data tables for sub-second rendering times.

Software Engineer Intern | *American Dog Society - Remote,* Jan 2025 - June 2025
- Conducted comprehensive cross-browser compatibility testing and accessibility (WCAG) audits during a major frontend migration, ensuring a seamless experience across all device types.
- Identified and resolved critical frontend performance bottlenecks using Chrome DevTools and Lighthouse, improving site stability and loading speeds by 25%.
- Collaborated with the maintenance team to reduce technical debt by refactoring legacy code into testable, modular components.

EDUCATION

BloomTech, Graduate, *Full Stack Web Development Program* (960+ hours)   Nov 2023 - Jan 2025