LUKE GILES

SOFTWARE ENGINEER | FULL-STACK DEVELOPMENT & SOFTWARE QUALITY

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PROFILE

Software engineer with 5+ years across full-stack development and software quality. Builds and maintains applications with React, Vue, Java Spring Boot, and MongoDB, backed by experience in automated testing, defect investigation, and release management. Brings a quality-first approach to code reviews, edge cases, and technical problem-solving.

TECHNICAL SKILLS

Development: Java, Spring Boot, React, Vue, MongoDB
Quality & delivery: Cypress, end-to-end testing, regression testing, code reviews, defect investigation
Tools: Postman, AWS, AWS CodePipeline, ReportPortal

ENGINEERING EXPERIENCE

Software Engineer

Crucial Learning | Jul 2025 - Present

- Develop and maintain full-stack features using React, Vue, Java Spring Boot, and MongoDB, with attention to performance, reliability, and user experience.
- Collaborate with cross-functional teams to design, implement, and deliver new functionality; contribute to code reviews and improvements in code quality.

Quality Assurance Support Engineer

Crucial Learning | Apr 2023 - Jul 2025

- Tested new software features manually and automated end-to-end coverage with Cypress to identify defects and validate application behavior.
- Investigated software defects using MongoDB, Postman, and AWS; resolved escalated technical issues as tier-two support for the help desk.

Software Quality Engineer

Younique Products | Apr 2021 - Apr 2023

- Oversaw manual and automated testing of logistics features and bug fixes; created and maintained Cypress regression tests for the warehouse management system.
- Managed code releases across major departmental repositories using AWS CodePipeline.

Software Quality Engineer Intern

Younique Products | Jan 2021 - Apr 2021

- Implemented ReportPortal to track automation test runs and configured daily automated test-report emails for managers.

Owner, Avanti Digital | Jul 2026 - Present

EDUCATION & CERTIFICATIONS

Bachelor's Degree, Software Engineering - Western Governors University | Feb 2024
Associate of Science, General Studies - Utah Valley University | May 2022
Technical Degree, Web Development - Mountainland Technical College | Nov 2020
Certifications: CompTIA Project+; Back End Development and APIs (freeCodeCamp)