

Tyler Jackson, Software Engineer

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SUMMARY

Experienced software engineer with over 8 years in CI/CD, project management, and software quality optimization. Proven track record in spearheading quality assurance initiatives, implementing testing frameworks, and mentoring teams. Passionate about AI and ML, with proficiency across diverse programming languages and cloud technologies.

EXPERIENCE

- **SkyKick - Software Engineer II**

Remote

2021 - 2023

- **User Acceptance Testing:** Implemented user acceptance testing framework using NUnit and Playwright, integrated into build and release pipeline.
- **Product UI Overhaul:** Managed large scale testing for deploying product UI overhaul, overseeing deployments and team communication.
- **Sonar Integration:** Championed the integration of Sonar quality code analysis across multiple repositories, and trained peers, achieving integration across more than 10 repositories.

- **SkyKick - Software Engineer**

Seattle, WA

2018 - 2021

- **Quality Assurance Leadership:** Headed the QA team, defining vision and roadmap, and onboarding test engineers.
- **Scenario Test Suite:** Orchestrated parallelization, halving build times from over 20 minutes to under 10 minutes.
- **E2E Framework:** Implemented E2E framework using TestCafe and integrated it into the build and release pipeline.
- **Cloud Environment:** Optimized search logic, achieving significant reductions in search index call times.

- **Genesys - Software Engineer**

Indianapolis, IN

2015 - 2018

- **Testing Transition:** Pioneered the transition from frontend automation testing to REST API-based testing.
- **Legacy Test Suite Refactoring:** Optimized a legacy test suite, reducing its runtime from 24 hours to just 2 hours on a weekly basis.

SKILLS

- **Languages:** C#, Javascript, Typescript, Python, HTML, Java, SQL, CSS, Svelte
- **Technologies:** .NET, Git, Node.js, Azure, Angular, Linux, Docker, Kubernetes, SDLC, AWS, Scrum, Software Architecture, Web Services, Machine learning, Artificial Intelligence

EDUCATION

- **Anderson University**

Bachelor of Computer Science

Anderson, IN

2012 - 2015