

Jeremy “Wally” Wallace

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Full-Stack Software Developer

SUMMARY

Full-stack software developer with a strong foundation in modern web development and over a decade of experience in software quality assurance. Skilled in test-driven development, API integration, and creating user-focused solutions. Combines a detail-oriented QA mindset with full-stack engineering skills to deliver reliable, scalable, secure, and high-quality software.

SKILLS

Programming Languages: Ruby, JavaScript, Python, TypeScript, React, Java, CSS, HTML

Frameworks: Rails, Active Record

Database: SQL

Testing: RSpec, Cypress, Faker, Selenium, Postman, SoapUI, TDD

Tools: Git, GitHub, GitLab, Rally, JIRA, Trello, Vercel

PROFESSIONAL EXPERIENCE

Software Developer (Student Intern) | Turing School of Software and Design

Aug 2024 - Mar 2025

- Improved load times across key features by building React performance upgrades and caching Rails APIs with Redis, creating reusable patterns that scaled to support growing user traffic.
- Increased user retention by building responsive React interfaces with TypeScript type safety and consistently hitting 95+ Lighthouse scores across both desktop and mobile devices.
- Cut API response times by building scalable Rails RESTful endpoints with Redis caching and seamless OpenAI integrations, while maintaining 95% test coverage with RSpec and WebMock to keep systems stable during high traffic.
- Maintained near-zero deployment failures by building automated CI/CD pipelines with GitHub Actions and partnering with teams across Github Projects and Slack to manage clean and reliable releases.

Senior QA Analyst | Vertafore, Denver, CO

May 2017 - July 2024

- Improved release reliability by automating 20% of regression tests with the Serenity framework (Java) and cutting manual testing time by 50%, speeding up overall delivery cycles.
- Drove 95% service uptime by leading API testing for a microservices setup and building SoapUI checks directly into CI/CD pipelines to promptly catch issues.
- Created a high security priority standard across the team by mentoring 30+ junior engineers on OWASP principles and guiding them in incorporating third-party vulnerability scans, resulting in zero critical breaches.
- Collaborated with cross-functional teams to refine user stories and estimate development efforts.
- Received direct end-user feedback and applied that feedback to new features or defect resolutions

QA Engineer | Simpson Strong-Tie, Gunbarrel, CO

Oct 2014 - May 2017

- Reduced QA overhead by over 25% by providing offshore team members with regression suites that could be run independently.
- Enabled engineering teams to track defect trends by implementing JIRA reporting.
- Received direct end-user feedback and applied that feedback to new features or defect resolutions.
- Supported offshore teammates and ensured testing quality across distributed teams.

QA Team Lead | Epic, Verona, WI

Dec 2010 - July 2013

- Managed a team of 4 QA engineers to streamline test case management practices, allowing regression test cases to be run by dedicated regression testers.
- Led report testing initiative that resulted in over 800 defects being fixed before being released to production.
- Sped up reporting of defects by implementing an automated testing tool in MUMPS.
- Delivered on-site support to users during customer go-lives, resolving technical challenges.

PROJECTS

The Deceitful Mind Website - [GitHub](#), [live](#)

Nov 2025

- A complete website for the band The Deceitful Mind.
- Built with React components for news, embedded videos, and various social media links.
- Tech Stack: React, Javascript, CSS.

Smart Gardening (Group) - [Frontend Repo](#), [Backend Repo](#)

Jan 2025

- Built a full stack application where users can input parameters of their garden and make a call to a backend REST API, which in turn made a call to OpenAI's api to get plant recommendations.
- As a group, owned the project from conception to deployment, including design work, wireframing, project management, coding and deployment.
- Tech Stack: Ruby on Rails, SQL, HTML, JavaScript, CSS, React, Vercel, Heroku.

Tracker CRM (Group) - [Frontend Repo](#), [Backend Repo](#)

Feb 2025

- Expanded on a job application tracking application for students.
- Integrated a call to the OpenAI API to generate practice interview questions based on a job description.
- Tech Stack: Ruby on Rails, Rspec, VCR, SQL, HTML, TypeScript, Cypress

EDUCATION

Turing School of Software & Design, Denver, CO

Aug 2024 - Mar 2025

Accredited Full Stack Engineering Certificate

Bucknell University, Lewisburg, PA

Aug 2006 - May 2010

BSBA, Management Major, Economics Minor