

Traylon Harrington

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Omaha, NE

PROFESSIONAL SUMMARY

Full-Stack Software Engineer who builds web applications with **Ruby on Rails, React, and TypeScript**, shipped to production at WP Engine. Eight years at a website-hosting company, moving from customer support and technical onboarding into engineering, with a habit of turning real user pain points into clean, efficient tools. Builds reusable, accessible UI components, designs APIs, and writes automated tests that gate every merge, working in an agile squad with AI-assisted development (Claude) as part of the daily workflow. Pursuing a **B.S. in Computer Science** at WGU.

CORE COMPETENCIES

Full-Stack Web Applications

Ruby on Rails

React & TypeScript

API Design

Automated Testing & CI/CD

Accessible UI Components

System Migrations

AI-Assisted Development

WORK EXPERIENCE

WP Engine (Acquired Flywheel)

Jun 2025 - Jun 2026

Software Engineer, Associate

Remote / Omaha, NE

- Architected and deployed a high-impact, full-stack account-shadowing widget using **React, TypeScript, and Ruby on Rails**, drastically reducing internal friction for Support, Marketing, and Engineering teams.
- Engineered reusable, accessible UI components for the company-wide design system, ensuring frontend consistency across multiple product epics.
- Collaborated closely within an agile engineering squad to deliver rapid, production-ready frontend and backend updates.
- Worked within a **CI/CD-gated pull request workflow** where automated test suites had to pass before any code could merge, in a codebase that also ran Dependabot for automated dependency vulnerability scanning.
- Wrote **automated tests** for features as part of the team's development workflow, using AI-assisted development (Claude) to help draft test coverage.
- Used Claude, integrated directly into the company's codebase/dev tooling, as part of a regular **AI-assisted development** workflow, in an engineering org that pushed AI-assisted development adoption company-wide.

WP Engine (Acquired Flywheel)

Jun 2021 - Jun 2025

Technical Onboarding Manager

Remote / Omaha, NE

- Served as a technical product stakeholder for multiple core engineering teams, translating frontline customer pain points into actionable technical solutions and product requirements.
- Executed complex, large-scale data and website migrations from external hosting infrastructures into the WP Engine/Flywheel ecosystem.
- Diagnosed and resolved a fatal PHP theme-configuration conflict on a migrated customer site by tracing the error to conflicting production/staging environment definitions in the theme's settings files.
- Converted an original **Ruby** post-migration cleanup script into Python to run against WP Engine sites, then began integrating it into Redshell, WP Engine's internal Python-based CLI tool used by Engineering and Support.
- Designed and led technical onboarding curriculums, scaling the technical capabilities of incoming support and systems engineering staff.

WP Engine (Acquired Flywheel)

Jan 2018 - Jun 2021

Happiness Engineer

Remote / Omaha, NE

- Provided advanced technical support, system troubleshooting, and infrastructure triage via chat, email, and phone, maintaining a consistent **95%+ customer satisfaction** rating.

TSL Companies

May 2016 - Jul 2016

Software Developer

Omaha, NE

- Refactored legacy codebases using .NET frameworks to implement modern design patterns and improve application performance.
- Designed and deployed an automated email notification system utilizing SQL queries to extract, parse, and deliver critical safety compliance data.
- Engineered a message-splitting utility to optimize data acquisition workflows from raw XML documentation.

PROJECTS

Ruby Rx Back-End Developer

Architected a custom back-end framework to ingest, decipher, and debug application error payloads; integrated standalone debugging guides via API for contextual troubleshooting.

Ruby, Sinatra, APIs

HearNebraska: Lincoln Calling Back-End Developer

Collaborated within an agile team to design and deploy a relational database and news aggregation framework; implemented asynchronous JavaScript components for a responsive user experience.

Relational DB, JavaScript

FYIIO Back-End Developer

Engineered a core content management framework for authoring step-by-step procedural tutorials; embedded the TinyMCE API for a visual rich-text workflow.

TinyMCE API

EDUCATION

B.S. Computer Science (in progress) Western Governors University

In progress, expected Oct 2027

Advanced Web Development Immersive Program Omaha Code School

Full-stack web application development and collaborative agile engineering workflows.

Coursework in Computer Science Iowa State University; University of Nebraska at Omaha

Coursework in Web Design & Development Full Sail University

SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, Ruby, SQL, Java, Python (hands-on), C#

Frameworks & Libraries: React, Ruby on Rails, Sinatra, Rack, .NET

Tools & Practices: Agile/Scrum, CI/CD (automated PR test gating), Automated Testing, Git, Code Review, API Design, Dependabot, Component Libraries, AI-Assisted Development (Claude)