Rylee Shearer

Software Developer

Northern Colorado • +1-616-894-6961 • rylee.shearer@gmail.com • www.linkedin.com/in/rylee-s • www.rylee.dev

Summary

As a dedicated and passionate software developer with over 4 years of technical experience, I have successfully navigated roles as both a software test engineer and a software engineer for enterprise cloud-based SaaS systems. My commitment to excellence is demonstrated by the consistent promotions I have earned throughout my career. With a proven track record of delivering high-quality solutions, I bring strong problem-solving and troubleshooting skills to every project. Beyond my technical expertise, I excel in customer service, ensuring client satisfaction at every stage of development.

Skills

- C#
- Ruby
- JavaScript
- Typescript
- SQL
- Java
- .NET
- Ruby on Rails
- Node JS
- Selenium
- Electron
- Entity Framework
- React
- AWS RDS
- AWS QuickSight
- AWS S3
- AWS EC2
- Azure App Service
- Azure Functions
- Relational Databases
- Offline Native Applications
- Automated Software Testing
- Software Development
- IaC using Terraform
- Project Management

Experience

Junior Software Engineer
Trihydro Corporation

February 2024 - Present
Fort Collins, CO

- Work on projects related to federal connected vehicle programs with various State Departments of Transportation (DOTs), ensuring alignment with guidelines and specifications
- Manage and resolve tickets for bug fixes and feature requests
- Utilize .NET, C#, C++, and Java within Azure and client-hosted environments, applying knowledge of techniques like dependency injection to optimize application performance
- Employ Agile and Scrum methodologies to manage development processes to ensure timely and efficient project delivery

Software Engineer
Trace First Inc.

August 2022 - July 2023
Fort Collins, CO

- Adhered to client guidelines and contract specifications to design and maintain multiple single-tenant LIMS systems, optimizing lab testing processes from sample receipt through to final report generation and billing
- Played a key role in expanding the application user base from solely animal health laboratories to include agricultural, environmental, and public health laboratories
- Scaled and redesigned file processing and storage for over 19 TB of client data, improving application performance
- Created and managed analytics modules to handle diverse datasets such as time series, revenue, KPIs, and geographical data derived from millions of rows of client data
- Optimized various application pages, significantly reducing load time violations while enhancing overall performance
- Assisted with quarterly releases for 19 applications and 8 clients across North America
- Led the development of an offline native application for a state government, enabling the input, processing, and secure upload of field data for license and permit compliance

Junior Software Engineer
Trace First Inc.

May 2021 - August 2022
Fort Collins, CO

- Followed project requirements meticulously to implement and test application features, honing skills in feature development and testing procedures resulting in a promotion to Software Engineer
- Actively participated in two major framework version upgrades, conducting thorough system reviews and testing to support the team in adapting to newer technologies
- Reviewed and refactored application logging and error reporting systems, contributing to improved issue resolution time and enabling more in-depth analytics for better problem diagnosis
- Developed and maintained integrations for lab equipment, utilizing technologies such as webhooks, REST API communication, and machine-generated file uploads to streamline data entry

Support Engineer
Trace First Inc.

March 2021 - May 2021
Fort Collins, CO

- Delivered in-depth third-tier support to client IT and development staff, resolving complex software and integration related issues with a focus on providing usable solutions resulting in a promotion to Junior Software Engineer
- Monitored error logging across from various providers to help with identifying unreported issues and troubleshooting existing ones
- Collaborated with on-site and remote development teams by participating in discussions to spec out required changes and deliver timely solutions to client

Quality Assurance Engineer
AAB Payroll

May 2019 - January 2021
Grand Rapids, MI

- Conducted review of unresolved support issues, gathering information to create detailed development tickets in an agile development environment
- Applied a combination of manual and automated testing techniques to rigorously evaluate feature updates and bug fixes, ensuring compliance with company standards for usability, accessibility, and functionality requirements
- Designed and managed automated testing scripts using Selenium and other automated testing tools, ensuring robust and efficient testing processes within the software development life cycle
- Fulfilled requests for custom reports by creating reusable SQL queries to meet the specific needs of clients and internal teams to enhance data-driven decision-making and gather data for regulatory reporting without affecting system performance

Education and Certifications

B.S. in Computer Science
Colorado State University Global Campus
Expected Graduation Date: December 2025

AWS Certified Cloud Practitioner
Amazon Web Services (AWS)
Issued: May 2023 • *Expires:* May 2026

Full-stack Web Development Code Camp
General Assembly
Completed: January 2021