Rylee Shearer

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www.linkedin.com/in/rylee-s | www.rylee.dev

Skills

- Relational Databases
- Ruby
- Ruby on Rails
- JavaScript and Typescript
- Offline Native Applications

- Electron
- Automated Software Testing
- Software Development
- IaC using Terraform
- Project Management

- AWS RDS
- AWS QuickSight
- AWS S3
- AWS SES
- AWS EC2

Relevant Work Experience

Software Engineer | Trace First - Fort Collins, CO | 08/2022 - 07/2023

- Adhered to client guidelines and contract specifications to successfully design and maintain a single tenant LIMS system, optimizing the process of lab testing from sample receipt through final report generation and billing
- Played a key role in expanding the application user base from solely animal health laboratories to agricultural, environmental, and public health laboratories
- Scaled and redesigned the file processing and storage of 19+ TB of client data to improve application performance
- Created and managed analytics modules, handling diverse datasets such as time series, revenue, KPI, and geographical data, derived from millions of rows of client data
- Optimized various app pages, reducing instances of load time violations from 80% to less than 20%
- Assisted with quarterly releases for 19 applications and 8 clients based across North America
- Led the development of an offline native application for a state government to allow input, processing, and secure upload of field data for license and permit compliance

Junior Software Engineer | Trace First - Fort Collins, CO | 05/2021 - 08/2022

- Followed project requirements meticulously to implement and test application features, honing skills in feature development and testing procedures.
- 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 - Fort Collins, CO | 03/2021 - 05/2021

- 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
- 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 clients

QA Specialist | AAB Payroll - Grand Rapids, Mi | 12/2019 - 05/2020

- Created and maintained quality assurance procedure documentation
- Tested web based applications for usability, functionality and design issues
- Developed and maintained testing scripts using Selenium and other automated testing tools
- Used SQL to build customized reports for clients and internal staff

Client Solutions Specialist | AAB Payroll - Grand Rapids, Mi | 05/2019 - 12/2019

- Worked directly with clients to resolve issues and provided assistance with software features and functionality
- Created and updated documentation for internal and external use
- Managed the implementation and troubleshooting of Linux based time clock systems for 300+ clients
- Acted as liaison between clients and internal development teams to ensure timely resolution of issues and requests

Education

B.S. in Computer Science | Colorado State University - Global Campus

Expected Graduation Date: 12/2025

Full-stack Web Development Bootcamp | General Assembly

Completion Date: 01/2021

Certifications

AWS Certified Cloud Practitioner | Amazon Web Services Training and Certification
Issued: 05/2023 | Expires: 05/2026