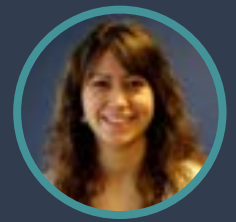


Kaylei Burke

Software Developer

I am a results-oriented software engineer who specializes in Ruby on Rails, Javascript, SQL, and AWS. I enjoy solving complex problems and working at a fast pace.



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☎ 402-909-3286

📍 Omaha, NE

🌐 [linkedin.com/in/kayleiburke](https://www.linkedin.com/in/kayleiburke)

WORK EXPERIENCE

Senior Ruby on Rails Developer New York Public Library

08/2024 - Present

Remote

Contractor through Summit Staffing Partners

Achievements/Tasks

- Supported a metadata management system written in Ruby on Rails
- Implemented a custom-built Shibboleth SSO application connected to Sierra ILS for use among patrons across the library

Senior Software Engineer Techstreet

10/2021 - 06/2023

Remote

Achievements/Tasks

- Supported several Ruby on Rails applications (versions 1-6), including custom storefronts, CRM, ERP, order tracking, and digital product management systems. I was primarily in charge of managing the Level 3 support ticket queue - which involved regular database and bug fixes by directly modifying code on our EC2 instances, running custom scripts, manipulating data through Rails console, and generating complex reports in Oracle, Postgres, MySQL, and MongoDB.
- Completed more than 650 support tickets, many of which involved querying or modifying live production code or database data
- Completed numerous feature enhancements, including integration with PDF Repair and Optimization tools into our custom product management system.
- Helped create a custom Ruby on Rails CRM application with a new development team from the ground up
- Played a pivotal role in support of SSO integration with storefront sites - including compatibility with Okta, OpenAthens, and Azure - using the ruby-saml gem. We supported both IdP and SP-initiated logins.
- Helped manage applications on a daily basis in AWS using EC2 (for Rails applications), Amplify (for Angular applications), ECS (for Java applications), Lambda (for Ruby on Rails application), CloudWatch (for Lambda and ECS debugging), Athena (querying SES logs), and Code Build and Code Pipeline for continuous integration with Github projects.

SKILLS

Ruby on Rails	●	●	●	●	○
Javascript	●	●	●	●	○
Vue.js	●	●	○	○	○
AngularJS	●	●	●	○	○
SQL	●	●	●	●	○
Java	●	●	○	○	○
C#	●	●	○	○	○
Git	●	●	●	●	○
CSS	●	●	●	○	○
HTML	●	●	●	●	○
Amazon Web Services	●	●	●	●	○

SAMPLE PROJECTS

Sample Meetup Site [↗](#)

- A sample Ruby on Rails CRUD application that allows users to create and manage "Meetup" groups
- Code: <https://github.com/kayleiburke/sample-meetup>
- Demo site: <https://sample-meetup-site-heroku-22.herokuapp.com>

OMDB Movie Search [↗](#)

- A small Ruby on Rails application that allows users to perform movie searches against the [OMDB API](#).
- Code: <https://github.com/kayleiburke/movie-search>
- Demo site: <https://omdb-database-search-demo.herokuapp.com>

PaymentSpring Demo Site [↗](#)

- An authenticated portal built on top of a Vuetify theme that allows users to make sample payments using [PaymentSpring](#) as a payment processing system. It was built using Ruby on Rails and Vue.js.
- Front end codebase: <https://github.com/kayleiburke/payment-spring-demo>
- Back end codebase: <https://github.com/kayleiburke/payment-spring-demo-backend>
- Demo site: <https://payment-spring-demo.herokuapp.com>

WORK EXPERIENCE

Software Developer Unabridged Software

10/2020 - 04/2021

Omaha, NE

Achievements/Tasks

- Created custom Ruby on Rails applications for clients.
- One of my biggest accomplishments was adding file attachment functionality to a custom CRM application. Every time a file was added or removed, a note was added to the activity feed on the user's home page. The user could download and remove the file. Files were stored on AWS. The code used the presenter pattern. I worked with a UI/UX designer to customize the user experience for this feature.
- Created test suites using RSpec, Minitest, and Capybara.

Software Developer Contractor 5&2 Studio [↗](#)

08/2018 - 01/2019

Remote

Achievements/Tasks

- Used C#, Vue.js, and Ruby on Rails to customize customer-facing and ERP websites for clients.
- Worked with 5&2 Studio executives to construct and add new features to sites they built from the ground up for their clients, including a replacement website for PhysEmp, a job search engine for doctors (www.physemp.com).

Software Developer Voxtelesys [↗](#)

02/2016 - 07/2018

Wahoo, NE

Achievements/Tasks

- Used Ruby on Rails, Angular, and Vue.js to create internal and external data management web applications. The internal application was the foundation of the company's business model, and I was one of the lead developers involved in converting it from a complex and non-user-friendly PHP app to an Angular and Ruby on Rails app.
- I was the lead developer on a customer portal website that allowed customers to view and manage their services and usage statistics (<https://portal.voxtelesys.net>). I wrote the front end portion of the site using Vue.js, and I used Ruby on Rails for the API. When creating this site, I worked firsthand with both a UI/UX and marketing expert in order to add complex customizations to the Bootstrap theme.

Software Developer Mersoft Corporation [↗](#)

03/2015 - 10/2015

Overland Park, KS

Achievements/Tasks

- Helped replace a client's critical but obsolete ERP, sales, and marketing platform with a completely new application built in Ruby on Rails, with a PostgreSQL database, integrated with a Joomla CMS that enabled the client to dynamically present content to their users.
- In order to do this, I had to learn Ruby on Rails quickly and become proficient in it. I also worked daily with the architect, directly engaged with clients, and authored user documentation.

Software Developer Contractor YRC Freight

10/2014 - 03/2015

Overland Park, KS

Achievements/Tasks

- Created, modified, and managed financial reports using SAS, VBA, and some R and JCL. Data from these reports was analyzed regularly by company executives.
- Created a historical dataset containing common operating metrics using SAS and R. Up until that point, historical data for these metrics was scattered and, as a result, very difficult to analyze.

Software Developer J.B. Hunt

09/2013 - 09/2014

Lowell, AR

Achievements/Tasks

Supported several different systems for the Dedicated Contract Services portion of J.B. Hunt, including: payroll & billing, freight management, routing & scheduling, order processing, and customer surveys. I supported users by providing on call service for these applications, as well as implementing small (generally 120 hours or less) bug fixes and enhancements.

My biggest accomplishment was enhancing an automated customer satisfaction survey dialing system by obtaining customer information from multiple database sources and creating call survey records based on custom criteria. This enhancement required me to gather and refine user requirements, learn about custom business processes, and construct advanced SQL queries. Languages and tools used at this position included: C#, Java, SSRS, T-SQL, and DB2.

ACHIEVEMENTS

AISES Google Scholarship Recipient (2008)

EDUCATION

Bachelor of Science in Computer Science University of Nebraska-Lincoln

08/2007 - 05/2011

Lincoln, NE

Activities

Upsilon Pi Epsilon Honor
Society - President, 2 years