

Kelsey Thang

Indianapolis, IN

SOFTWARE ENGINEER

[LinkedIn](#) | [GitHub](#) | [Medium](#)

TECHNICAL PROJECTS

Full Stack Ruby on Rails Engineer | FFTCG Collector

[GitHub](#) | [Demo](#) | [Deployed Application](#)

Trading card collection software for the Final Fantasy Trading Card Game.

- Developed a robust trading card collection management software using Rails, React, and Material UI, following the Model-View-Controller (MVC) architectural pattern to ensure maintainability and scalability.
- Leveraged the power of PostgreSQL to efficiently store and retrieve data, enabling users to track their collections, browse expansion sets, and access comprehensive card information.
- Implemented Active Record and Active Storage within the Rails framework to handle database operations and manage file uploads to a Render Disk.

Full Stack Ruby on Rails Engineer | Discover Flats

[GitHub](#) | [Demo](#)

Apartment search application designed for both general users and property managers, allowing users to search for properties and save their favorites, while enabling property managers to add, update, and remove listings.

- Developed a custom database schema and REST API with Active Record, PostgreSQL, and Ruby on Rails.
- Utilized sessions and cookies to authenticate users and provide a seamless user experience.
- Designed the application using Material UI, resulting in a modern and intuitive user interface.

WORK EXPERIENCE

Simon Property Group

Indianapolis, IN

Quality Assurance Tester

5/2022 - Present

- Demonstrated expertise as a Subject Matter Expert (SME) in the Cash Receipts Department, serving as the Component Lead for voids and fulfilling the role of a Quality Assurance Tester for a cloud-based software solution.
- Executed over 300 test plans, cases, and scripts, covering functional, performance, and security aspects of the application.
- Collaborated in various phases of the development cycle including component, unit, and regression testing, which resulted in identifying and resolving over 90% of identified software defects.
- Enhanced the data collection process resulting in a 65% increase in payments being associated with their respective tenant records.

Simon Property Group

Indianapolis, IN

Senior Cash Analyst

8/2017 - 4/2022

- Implemented effective cash application strategies that resulted in a consistent 5% monthly decrease in unearned revenue.
- Processed approximately 30 wire transactions and 15% of bank returns per day.
- Conducted general ledger account reconciliations to ensure accurate financial records and to identify discrepancies.
- Promoted from a Cash Analyst to Senior Analyst after 1.5 years of demonstrating proficiency in analyzing financial data.

FORVIS

Indianapolis, IN

Tax Associate

7/2016 - 8/2017

- Designed a cost-effective client interface application that reduced development expenses by 15%.
- Developed and delivered engaging training materials on non-profit taxation, resulting in a 95% increase in participants' knowledge and understanding of non-profit tax regulations.
- Examined financial statements, accounting records, and supplemental reports to prepare over 30 income tax returns for businesses and individuals.

TECHNICAL SKILLS

JavaScript, Ruby, SQL, HTML5, Cascading Style Sheets (CSS), React.js, Material UI, Ruby on Rails, SQLite, PostgreSQL, Git, Version Control, Postman, Azure DevOps, Render, Object-Oriented Programming (OOP), Relational Databases

EDUCATION

Flatiron School

New York, NY

Certificate of Full Stack Software Engineering, JavaScript and Ruby on Rails

5/2023

Purdue University

West Lafayette, IN

Bachelor of Science in Accounting, Finance, and Management

5/2016

Semester Honors and Dean's List | Computer Science Coursework | Cumulative GPA: 3.60/4.00