

# Nick Spencer

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Back End Software Developer

## SUMMARY

Driven and resilient software development enthusiast with a diverse professional background, including leadership roles in phlebotomy and custodial management. Graduating from the Turing School of Software and Design, I possess a strong foundation in programming languages and methodologies, combined with a deep-seated determination stemming from overcoming a cancer diagnosis and chemotherapy. Eager to leverage my unique experiences and technical skills to excel in a rewarding career in software development.

## SKILLS

**Languages/Frameworks:** Ruby, Ruby on Rails, Python, SQL, ActiveRecord, HTML

**TDD:** RSpec, Capybara, FactoryBot, Faker, WebMock, VCR

**Tools/Workflows:** Git, GitHub, RESTful APIs, Heroku, Trello, Miro

**Exposure:** Javascript, Express, CSS, Flask

## PROJECTS

**Connect 4** | 30 hours | [Connect 4 GitHub Repo](#)

Exploration project with the goal of building the classic game of connect 4. Co-ordinated with 1 other developer to split project work up and deliver the project in one week of time.

- Utilized OOP to build the classic game of connect 4 from scratch
- Implemented Ruby2d in a short few days in order to display visuals for the game
- Packaged code into a Ruby Gem for distribution (gem install instructions in Repo README)

**Viewing party** | 40 hours | [Viewing Party Github Repo](#)

Web app built to allow users to select movies and times to have a viewing party, and invite other users to join. Utilized API movie data from TMDB and a local PostgreSQL database to manage user data.

- Implemented a Facade and Services design pattern to seamlessly integrate data pulled from an API with data stored in a relational database
- Designed both the database schema and objects to effectively mix user data with movie data gathered from API

**Little Esty Shop** | 50 hours | [Little Esty Shop GitHub Repo](#)

- Collaborated on a team of 4 to meet a MVP while learning the Ruby on Rails framework
- Worked on complex SQL and Active Record queries to deliver data to front end views

## PROFESSIONAL EXPERIENCE

**Poudre School District - Head Custodian** | Oct 2019 - May 2022

- Managed the schedule and work goals for a team of 5 custodians
- Worked on a training committee to overhaul workforce training, increasing our worker retention by **15%** utilizing better training practices

**Madwire Media - Marketing Consultant** | July 2017 - January 2019

- Worked on a team of 10 consultants to manage and service sales accounts for digital marketing
- Utilized KPI's to help refine team sales process and improve our overall approach to account management and customer service

## EDUCATION

**Turing School of Software & Design, Denver, CO** | July 2023 - Jan 2024

Accredited Backend Engineering Certificate