SEAN CULLITON • Backend Software Engineer

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SKILLS

- Ruby on Rails
- SQL (Postgres)
- ActiveRecord
- RSpec Test Framework
- TDD
- Git / Github
- Database Design
- API development
- OO design
- Project Mgmt. Tools (Google Suite, Github Projects, Trello)

PROJECTS

BrüCycle, (group - 9 days), Github | Deployed on Heroku **January 2023**

Ideated and built an app that tracks miles biked and the number of beers you can consume to replace calories lost

Tech Stack: Ruby on Rails, RSpec, PostgreSQL, GitHub

- Developed app with a Service Oriented Architecture (SOA)and worked on both front-end and back-end teams
- Researched and executed Strava OAuth implementation to authenticate users
- Designed database modeling
- Leveraged Agile style software development lifecycle

Lunch and Learn, (solo - 4 days), Github **January 2023**

Designed backend architecture for an app that provides recipes and learning resources from different countries

Tech Stack: Ruby on Rails, RSpec, PostgreSQL, GitHub

- Consumed 4 different APIs to expose 8 endpoints according to restful web services standards
- Implemented user authentication and secure storage of user passwords in the database.
- Utilized TDD to guide all design decisions and wrote tests to 100% coverage
- Mocked all API calls within test suite using webmock and VCR to optimize efficiency and cost

Battleship, (pair - 7 days) Github **August 2022**

Created a version of the game Battleship deployed in the command line

Tech Stack: Ruby, RSpec

- Built with a focus on OO design principles
- Spearheaded 'smart' computer algorithm design

EXPERIENCE

Retrofette, Musician/ Manager, Denver, CO **2014 - 2022**

- Produced over 20 songs, collectively streamed over 400k times over 10 platforms
- Managed booking of over 80+ shows throughout Colorado including metro hubs of Denver and Fort Collins.
- Managed and booked two national tours
- Organized press and social media strategy and secured features in over 20 publications locally and nationally including Westword, 303 Magazine, Culture Magazine and Colorado Public Radio
- Planned and fundraised an annual 24 hour live show to benefit Youth on Record, a charity organization aiding marginalized youth in Denver. Acquired 12 sponsors and raised over $17,000

Sean Culliton Lessons, Owner, Denver, CO **2013 - 2022**

- Ran a private music studio teaching students over 30 students from ages 5-65; taught saxophone, guitar, and piano

EDUCATION

Turing School of Software and Design, Denver, CO **August 2022 – March 2023**

Accredited Backend Software Engineering Certificate

- Worked 70 hour per week for 7 months towards to learn coding for web development
- Coached newer students and volunteered with Student Leadership Committee

University of Denver, Denver, CO **September 2009 - March 2013**

Bachelor's of Music, Jazz and Commercial Music Saxophone Performance