HARRISON RYAN • SOFTWARE DEVELOPER

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SKILLS

- Ruby
- Ruby on Rails
- SQL

- JavaScript
- HTML
- CSS

- Python

SOFTWARE PROJECTS

Character Chords, Team Project| 80 hours| [FE GitHub Repo](#), [BE GitHub Repo](#) | [Deployed Link](#)

Tech Stack: Ruby, Rails, RSpec, CircleCI, Tailwind CSS, Amazon S3

Developed a full-stack Rails application from inception to production that uses AI to generate Spotify playlists.

- Exposed multiple API endpoints for a frontend application to consume
- Implemented Tailwind CSS for frontend styling and design
- Managed agile processes, including daily stand-ups and use of Miro and GitHub Projects
- Incorporated external APIs from Spotify and OpenAI

Lynk Up Team Project |40 Hours | [GitHub Repo](#) | [Deployed Link](#)

Tech Stack: Python, Django REST, Javascript, Redux

Developed Lynk Up, a social event management app, focusing on features like event creation, friend groups formation, notifications, and RSVP management.

- Utilized Django REST for server-side logic and API creation
- Participated in API JSON contract design
- Maintained source code and project documentation on GitHub

Quest Keeper, Solo Project |20 Hours | [GitHub Repo](#)

Tech Stack: Ruby, Rails, RSpec, JavaScript, React

Created Quest Keeper, a full-stack web application serving as a comprehensive game master guide for Dungeons and Dragons (D&D) players, enabling streamlined session management and fostering creativity in gameplay.

- Leveraged OpenAI API to enhance app features with AI-generated insights
- Utilized Bootstrap and CSS for styling and design
- Implemented CRUD functionality; organized code effectively using MVC architecture

PROFESSIONAL EXPERIENCE

Phillips Cruises and Tour, Captain, Whittier, AK   MAY 2012 - OCT 2019

• Managed and oversaw tour operations, ensuring adherence to established policies and procedures.

• Maintained a safe and secure environment for passengers and crew members.

• Collaborated with port engineers to identify and troubleshoot equipment malfunctions, and assisted in repairs as needed.

EDUCATION AND RELEVANT CERTIFICATIONS

Turing School of Software and Design, Denver, CO

Accredited Backend Software Engineering Certificate

University of Dallas, Irving, TX

History