Kailey Kaes
Software Developer
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Skills

- **Languages & Frameworks:** Ruby, Sinatra, Ruby on Rails, HTML, CSS
- **Databases:** SQL, PostgreSQL, ActiveRecord
- **Tools:** Git, GitHub, Jira, Postman, Postico 2
- **Test-Driven Development:** RSpec, Capybara

Projects

FoodHaven
SOA| Sinatra | ETL | Rest APIs | Browser APIs | Geolocation and geocoding | OAuth | PostgreSQL　　　　　5 weeks in 4 sprints

Eased barriers to health supporting food by routing people who use smartphones, nutritional assistance and public transportation to SNAP/EBT & WIC authorized farmers markets around the country via public transportation.

- Won Turing School of Software and Design's 2308 Demo Competition
- Researched and proposed idea to a group of 30+ developers for a vote
- Collaborated in a group of 4 developers to create frontend, backend and microservice applications using service oriented architecture
- Utilized agile methodologies, GitHub projects and Jira software to organize workflow from inception to competition

Grateful Together
WebSockets | ActionCable | CircleCI | Ruby on Rails | SOA | PostgreSQL | RSpec | TDD　　　　　2 week sprint

Worked in a full stack team of 8 developers to learn and implement WebSockets in a daily, live-updated gratitude journal shared between multiple users.

- Proposed idea to a group of 60+ developers for a vote
- Collaborated across the stack using agile methodologies to define, plan, build and deploy minimum viable product

Lunch and Learn
Rest APIs | Ruby on Rails | RSpec | TDD | Authentication | Authorization | PostgreSQL　　　　　5 day sprint

Created a Rails API that consumed and synthesized four different external APIs to expose endpoints for an application that would allow users to search for recipes from different countries and then learn about those countries via educational videos and pictures.

- Exposed 6 endpoints for consumption by a frontend application
- Self-taught authentication and authorization for API consumption

Experience

Piano Instructor/Small Business Owner
Kenton Piano Studio — May 2011-Present

- Taught private lessons to a diverse body of students aged five to adult, adapting music curriculum to meet individual needs.
- Honed leadership, communication and intermediary skills necessary to drive consensus and convey pertinent information to a group.
- Organized studio operations, managed student contracts, enforced studio policies and coordinated quarterly performances.

Pool Manager
Colorado Golf Club — May 2017-October 2017

- Supervised, tested and trained a team of ten lifeguards.
- Streamlined processes for facility maintenance, record keeping and member experience.
- Composed a manual to codify pool facility management, lifeguard duties and emergency action plans.

Ranchwide Aquatics Director
Denver Area Council, Boy Scouts of America — May 2016-August 2016

- Oversaw daily operations of four aquatics programs for three camps on a 3,600 acre scout ranch.
- Ensured compliance with National Camp Accreditation standards.
- Trained and certified aquatics staff at two lakes and a pool.
- Taught four aquatics certification courses for adult leaders each week focused on programming and conducting safe aquatics education for youth members.

Education

Turing School of Software and Design
Certificate of Completion — Back End Program　　　　　September 2023

- ACCET accredited, 7-month intensive program focused on project based learning

University of Denver, Lamont School of Music
Bachelor of Music — piano performance concentration　　　　　June 2022