FRED RONDINA
SOFTWARE DEVELOPER || BACK END

Summary

Graduate of the Turing School of Software and Design, as well as Florida State University School of Business. After working in finance and customer service, I decided it was time for a career change, looking for something challenging where I could leverage my skills dealing with customers problems everyday, I decided to devote myself to Software Engineering. I enjoy learning new technologies, working in teams, large scale problem solving, effective communication, and test driven development.

Employment

The Only Sky
Software Developer
Denver, CO
Jan. 2021 to Mar. 2021

Only Sky is a google cloud based, python flask application. This product is designed to be a full suite for booking and managing service based businesses, specifically snow sports instructors. My full stack duties include testing and implementing new features, writing documentation for new and existing features, fixing old and creating additional tests for the application, as well as working with the product manager to automatically generate custom content for Only Sky partners, such as reports, and lift ticket templates. This position is a 3 month fellowship.

Oppenheimer Funds - Invesco
Specialized Service Associate - Oppenheimer Funds
Centennial
Aug. 2018 to Aug. 2019

Assisted in maintaining customer service expectations from both individual investors and financial advisors during a time of company acquisition of Oppenheimerfunds.
• Continued to use quick-learning abilities and versatility to learn new systems and products so that the customer experience was seamless during a time of acquisition and two companies merging.
• Used product and retirement plan expertise to take calls from both investors and financial advisors to ensure they had a full understanding of their retirement plan as well as their investments.
• Supported supervisors in monitoring colleagues calls and notes to ensure the company maintained its standard of excellence for both customers and its representatives.
• Worked directly with payroll administrators and specialists to ensure their employees retirement accounts were funded accurately.

Projects

My Fly Box
July 2020 to Aug. 2020

My Fly Box is a mobile app developed in JavaScript React Native, that is backed by a Ruby on Rails REST API. Designed to simplify the fishing process, users are able to track supplies in their tackle box, as well as any fish they caught. This supplies and catches are stored in a relational PostgreSQL Database, allowing us to sort supplies based on effectiveness at catching fish The outstanding feature of this app is that ability for users to take a picture of a fish, which is then sent to our machine learning image recognition AI, which can then successfully identify the species of fish caught, with 90% accuracy. This App was created in under 3 weeks.

Brownfield Crate Project
June 2020 to June 2020

This project was a personal learning challenge. Given two weeks, would I be able to jump into an existing codebase (the open source crate project https://github.com/atulmy/crate) and implement new features and tests, using technologies I had no previous experience with such as Node, GraphQL, Express, Sequelize (MySQL) and JWT Auth. In this short time we were able to learn to navigate the existing code base, as well as write new tests, and add new database queries. During these two week I learned new strategies for understanding how to analyze a larger, existing code base, as well as how to implement new concepts, and libraries using technologies and frameworks I had not previously had experience with.

Knead Recipies
May 2020 to May 2020

Knead Recipes is an app designed to take the hassle and confusion out of what's for dinner. All you need to do is enter the ingredients you have on hand, and our app will return a list of recipes you can make, or only recipes where you only need a few more ingredients. Knead Recipes is built to account for many dietary restrictions such as vegetarian, vegan, ketogenic, gluten free, and dairy free. This web app is built on Rails 5.1.7 and Ruby 2.5.3. All API calls are encapsulated in a Sinatra based micro service that communicates with the main rails app. Sign in's are handled with Google OAuth, front end design created using Bootstrap 3. This app was created in two weeks.

Monster Shop

"Monster Shop" is a fictitious e-commerce platform, Users are able to register, login, add items to the cart and place the order. Users employed by a merchant on the site can fulfill part of a users order if that order contains items that they sell. If this all other items have already been fulfilled then an admin user will be able to ship that order.

This Rails project was built in 10 days and implemented the following.
Design patterns:
TDD (Test Driven Development)
MVC (Model View Controller)
PostgreSQL CRUD Database Functionality
ActiveRecord

Rails Engine

Rails Engine is a project where I developed an E-Commerce Application with a service-oriented architecture in Ruby on Rails, the front and back ends of this application are separate and communicate via APIs. My goal was to expose the data that powers the site through an API that the front end will consume. My learning goals for this project were to
Expose an API.
Use serializers to format JSON responses
Test API exposure
Compose advanced ActiveRecord queries to analyze information stored in SQL databases.
Write basic SQL statements without the assistance of an ORM.
Make API calls using javascript fetch calls.

Contact

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Education

Turing School of Software & Design
Sept. 2019 to Aug. 2020

Back End Engineering Program, focusing on object-oriented programming, data structures, and building well tested database-backed web applications in Ruby on Rails.

Florida State University
2014 to 2018
Bachelors of Science Marketing 2018

Skills

TECHNICAL SOFTWARE SKILLS
Ruby
Rails
Python
Flask
Active Record / SQL
Test Driven Development
PostgreSQL
SQLAlchemy
Agile Workflow
CI/CE
HTML
CSS