MICHAEL KOULOUVARIS

BACK-END ENGINEER

CONTACT

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GitHub LinkedIn Terminal

Skills

- Ruby on Rails
- ActiveRecord
- SQL/PostreSQL
- RESTful API

- Bootstrap
- TDD
- RSpec
- GitHub

- Google Oauth
- VCR
- HTML/CSS3
- Heroku

- Background Workers
- Agile
- Postman
- Leadership/Coaching

Projects

MESSAGES FROM THE STARS | Repository | Site | 5 Person Team | 100 Hours

- Designed and built a full-stack web application using Agile workflow that utilizes external and internal API calls to track user and satellite data, allowing a user to send a message in the bottle style text on a passing satellite and only view other messages when a satellite carrying a message is within a specified range.
- Built front-end architecture for application which included: implementing Google Oauth, external and internal API services, page layouts and HTML, and overall styling and theme of application using Bootstrap.
Tech Stack: Rails, RESTful API, Bootstrap/CSS, RSpec, VCR, Google Oauth, Geocoder, Figaro, Faraday, Heroku

SWEATER WEATHER | Repository | Solo Project | 40 Hours

- Developed an application that determines weather forecasts for a specified location and creates a roadtrip that displays travel time and estimated weather conditions at the location upon arrival.
- Exposed an API endpoint that aggregates data from two APIs to return a JSON formatted response.
- Generated a unique API key for the user to access the roadtrip endpoint during user account creation.
Tech Stack: Rails, RESTful API, JSON-Serializer, VCR, Bcrypt, Figaro, Faraday, Simplcov, RSpec, Postman

LITTLE ESTY SHOP | Repository | 5 Person Team | 60 Hours

- Created a merchant, customer, and inventory tracking application using a CSV populated database.
- Utilized ActiveRecord and SQL to perform complex database queries, while practicing Agile workflow techniques to work asynchronously with a team of developers.
Tech Stack: Rails, ActiveRecord, PostgresSQL/SQL, RSpec, Heroku

Professional Experience

VERDE NATURAL Retail Manager/Compliance Specialist/Inventory Manager   **June 2017 - February 2022**

- Implemented new policies, SOPs, and marketing campaigns.
- Led a team of 10 employees while providing renowned levels of customer service and education to patients.
- Handled sending/receiving of shipments, creation of new products, and inventory auditing in METRC.

APEX Office Manager/Shipping Coordinator/Compliance Manager   **May 2010 – May 2017**

- Built a Medicare accredited medical supply company from the ground up that served over 10,000 patients annually.
- Coordinated shipping of 1,500 outgoing products monthly.
- Worked directly with Medicare to ensure all compliance standards were being met or surpassed.

Education

TURING SCHOOL OF SOFTWARE AND DESIGN   **Graduated November 2022**
Back-End Software Engineering Accredited Certificate
1200+ Hours Completed
Student Leadership Committee Member

UNIVERSITY OF FLORIDA   **Graduated 2007**
Bachelor of Science Telecommunication - Productions