

# PHILIP DEFRAITIES

## SOFTWARE ENGINEER

## Summary

Merging a background in software development and healthcare, I help companies create and deploy new features and websites through empathetic design and efficient communication.

## Experience

RubyForGood · Volunteer Software Engineer  
Remote

Current

- As a developer I am making on-going contributions to a monolith Rails application, Diaperbase (<http://diaperbase.org/>), that provides an inventory management system that is built to address the needs of dozens of diaper banks across the country.
- An example of a recent pull request I have made that was merged into production can be seen here: <https://github.com/rubyforgood/diaper/pull/2267>
- Tech Stack: Rails, RSpec, HTML5, CSS, PostgresDB, Puma, TravisCI, GitHub

## Projects

### Viewing Party

Rails monolith application connecting users to plan movie-viewing parties.

- Personal accomplishments: Inception and planning, implementation of numerous REST endpoints, consumption of MovieDB API through service/facade structure, wrote numerous unit and feature tests including mocked external calls, debugging, refactoring, documenting
- Tech Stack: Rails, PostgreSQL, HTML, RSpec, TravisCI, Heroku, Capybara, Webmock/VCR
- Repository: [https://github.com/Oxalisviolacea/viewing\\_party](https://github.com/Oxalisviolacea/viewing_party)
- Production: <https://friends-viewing-party.herokuapp.com/>

### SweaterWeather

Rails REST API, assists users with planning of road-trips by providing travel time, weather upon arrival, open restaurants.

- Personal accomplishments: API key protected access, facade/service/poro architecture, implemented endpoints return serialized responses comprised of data obtained from multiple 3rd party APIs, unit/integration tested.
- Tech Stack: Rails, RSpec, PostgreSQL, Webmock/VCR
- Repository: <https://github.com/PhilipDeFraties/sweater-weather>

### RailsEngine

Rails REST showcasing ability to develop a REST API with CRUD functionality consuming data from CSV files

- Personal accomplishments: Internal REST API exposure, Advanced SQL and ActiveRecord queries, fully tested.
- Tech Stack: Rails, PostgreSQL, RSpec, TravisCI, Heroku
- Repository: <https://github.com/PhilipDeFraties/rails-engine>

### UFOMG

UFO reporting application with React.js frontend and Flask (Python) back-end

- Personal accomplishments: Led backend team, planned architecture, implemented RESTful crud endpoints, feature testing
- Tech Stack: Flask, Python, Git and Github, TravisCI, Heroku, PostgreSQL, SQLAlchemy, React Frontend
- Repository: [https://github.com/UFOMG/ufomg\\_be](https://github.com/UFOMG/ufomg_be)
- Production: <https://ufomfg.herokuapp.com/>

### Crate

Fictitious e-commerce clothing subscription application built on existing brown-field codebase, Node.js w/ GraphQL

- Personal accomplishments: Implemented mutation and resolver for new feature in GraphQL API
- Tech Stack: Node.js, JavaScript, GraphQL, Express, Sequelize
- Repository: <https://github.com/jakeheft/crate>

## Employment

Atomic Cowboy  
Server/Expo

Denver, CO  
Summer 2019 to Spring 2020

Provided high-level customer service in coordination with a large team in a fast-paced and demanding environment.

Denver Health Medical Center  
Specimen Processor/Phlebotomist

Denver, CO  
Summer 2016 to Summer 2019

Provided direct, high-level patient care throughout every department of hospital, maintained deep level of understanding of logistical systems, ran internal lab's send-outs department which required continuous coordination with outside clinics and providers.

Bonfils Blood Center  
Donor Technician II

Denver, CO  
Spring 2015 to June 2016

Responsible for educating donors about process, provided care during donations, operated advanced equipment outside the scope of basic technicians' skill-base, coordinated with evolving teams on a daily basis.

## Contact

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📍 Denver, CO

in <https://www.linkedin.com/in/philip-defraties/>

🔗 <https://github.com/PhilipDeFraties>

## Education

Turing School Of Software And Design

Sept. 2020 to Mar. 2021

Backend Engineering

Turing is an intensive program that sets itself apart from typical bootcamps by placing an emphasis on agile workflows, test-driven development, regular coding challenges, demanding team and solo projects requiring deep learning and exploration, and continuous lectures on the importance of maintaining an open and inclusive environment. Full-time commitment of roughly 60-70 hours per week.

State College Of Florida

Jan. 2015 to Dec. 2016

Associate in Arts

## Skills

### LANGUAGES / FRAMEWORKS / DATABASES

Rails

Ruby

Sinatra

PostgreSQL

GraphQL

SQL

### PROCESSES / TECHNIQUES

Agile

Test-Driven Development

Object-Oriented Programming

Version Control

API Development

REST

Microservice Development

### LIBRARIES / TOOLS

RSpec

Minitest

GitHub

GitHub Projects Kanban

TravisCI

Heroku

Postman

Postico

Capybara

Webmock / VCR

Faraday

FactoryBot / Faker

JSON

ActiveRecord

### SOME EXPOSURE / LEARNING

Javascript

Python

Node.js

React

Flask

AWS