

Angela Guardia

Software Engineer

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🐙 github.com/angelaguardia

SKILLS

Programming Languages: Ruby, HTML/CSS, SQL, Python, C
Frameworks/Databases: Rails, PostgreSQL
TDD: RSpec, Minitest, Capybara, Shoulda-Matchers, FactoryBot
Technologies/Tools: GitHub/Git, ActiveRecord, Heroku, JSON, TravisCI, Bootstrap
Concepts: OOP, REST, MVC, Mocks & Stubs, SOA

PROJECTS

My Solar Garden | Group Project | solar-garden-fe.herokuapp.com

- IoT application that allows users to get real-time information from their gardens via sensors
- Created a Python script to connect GrovePi sensors to a production database
- Built RESTful API endpoints to expose sensor data to users
- Tech Stack: Ruby, Rails, Python, RSpec, PostgreSQL, Heroku, TravisCI

Viewing Party | Paired Project | viewing-party-ac.herokuapp.com

- Web application that allows users to browse movies and schedule watch parties with friends
- Consumed The Movie Database API to get all movie information
- Wrote comprehensive tests to achieve 99% coverage
- Tech Stack: Ruby, Rails, RSpec, PostgreSQL, Heroku, TravisCI, Bcrypt, Webmock, VCR

Sweater Weather | Solo Project | github.com/AngelaGuardia/sweater_weather

- Backend API for a road trip planning app that returns a trip's details and destination weather forecast
- Built a RESTful API that exposes 5 endpoints aggregating data from multiple external APIs
- Tech Stack: Ruby, Rails, RSpec, PostgreSQL, REST, MVC, Service/Facade Design

PROFESSIONAL EXPERIENCE

Project Engineer | KSI Engineering, Inc. | Bakersfield, CA, United States Apr 2018 - Jul 2019

- Created resource management dashboards using data analysis and integrating Asana and Microstrategy to shorten management meetings which saved 15+ management hours weekly

Field Engineer | Enbridge, Inc. | Fort St. John, BC, Canada Oct 2017 - Mar 2018

- Provided engineering support to sustain the operability and reliability of the 0.7BSCFD natural gas processing plant

Measurement Engineer | Enbridge, Inc. | Calgary, AB, Canada Jul 2016 - Sept 2017

- Designed and completed an inventory of all of the custody transfer points in the Western Canada gathering system (over 600) by gathering information from systems such as SAP, GIS, and SCADA

EDUCATION

Turing School of Software and Design | Back-End Software Engineering May 2020 - Jan 2021

University of Alberta | BSc. Mechanical Engineering - Biomedical Option Sep 2011 - Apr 2016

VOLUNTEERING

Volunteer | Code for Venezuela

Non-profit organization that creates tech solutions to Venezuela's most pressing needs

Student Leader | Open Source Group | Turing School of Software and Design

Student group focused on helping bootcamp grads make contributions to open source software