PJ Frias

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Full stack web developer with a knack for solving problems, delivering elegant solutions, and building software that drives change. With experience in Ruby on Rails and JavaScript, I've built social platforms focused on community-empowerment, architectured an ecommerce webapp, and developed software to streamline processes and improve efficiency. I'm passionate about building up communities and committed to strengthening Baltimore's software developer culture.

TECHNICAL PROJECTS

CONCOCTAIL

An app that curates cocktail recipes based off your home bar
{Video Demo: https://youtu.be/N7T00x1aQm4, Github: github.com/ThePeej/concoctail-react-app}

- Built using React & Redux to optimize user interface and define user experience
- Incorporated Materialize CSS framework to design front end
- Utilized Ruby on Rails API backend to persist and provide data
- Designed the database schema and configured ActiveRecord associations

PRAYERS

A social space for words of encouragement, a platform built on community
{Video Demo: https://youtu.be/G-wgw7763_E, Github: github.com/ThePeej/prayers-rails-app}

- Built RESTful API backend using Ruby on Rails
- Designed the database schema and configured ActiveRecord associations
- Used Bulma framework and custom CSS to design front end
- Utilized AJAX resource fetching and posting to drive user experience
- Implemented Devise and Pundit for authentication and authorization
- Used OMniAuth for OAuth authentication with Facebook

TECHNICAL SKILLS

- HTML5
- CSS3
- Javascript
- React
- Redux
- Ruby on Rails
- NodeJS
- ExpressJS
- SQLite3
- MongoDB
- Git
- RSpec

PROFESSIONAL SKILLS

- Test Driven Development
- Project Management
- Cost Estimation & Budgeting
- Product Development & Testing
- Product Documentation
- Adobe Photoshop

WORK EXPERIENCE

KE FIBERTEC — *Technical Sales Engineer (November 2014 – January 2018)*
Managed the design and development of fabric duct systems. Coordinated with headquarters and manufacturing facility in Denmark to optimize production timeline and maximize profit.

- Improved submittal turnaround time metric from 3 days to 1 day
- Spearheaded intricate, multiphase project, achieving a 40% profit
- Increased sales by $250,000 leading to a top 3 most profitable fiscal year

BALTIMORE AIRCOIL COMPANY — *Designer (June 2012 – November 2014)*
Redesigned components and assemblies for cooling towers, and maintained product documentation. Provided training and technical support to colleagues in Asia and Europe.

- Improve submittal turnaround time from 7 days to 1.5 days in first year
- Managed the redesign & refresh of 300+ equipment labels & logos

EDUCATION

THE FLATIRON SCHOOL (2018)
- *Full Stack Web Development, Ruby on Rails and JavaScript online program*

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY (UMBC) – *Baltimore, MD (May 2012)*
- *Bachelor of Science, Mechanical Engineering*