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

A webapp for finding 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 using Ruby on Rails and MVC architecture
- 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*