Matthew Murgia

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Arlington, VA

I am a developer that loves to get out of my comfort zone to learn and help others. I have a background in sustainability and enjoy finding solutions to problems that have the capacity to endure.

Programming:
Ruby, JavaScript, SQL, JSON, XML, HTML, CSS, SASS

Databases:
PostgreSQL, MongoDB, MySQL

Libraries / Frameworks:
Rails, Sinatra, Express, Node, Angular, jQuery, Bootstrap

Versioning / Deployment:
Git, Github, Heroku

Methodologies:
Agile, Scrum, MVC, OOP, TDD, MVVM

UX:
Wireframing, User stories, WordPress

References Available

Experience

Full-Time Web Development Immersive, GENERAL ASSEMBLY
WASHINGTON, DC / OCTOBER 2015 – JANUARY 2016
Immersive full-stack program focused on industry best practices in object-oriented programming, frameworks, and test-driven development. Project highlights include:

Kilowatt Calculator
Kilowatt calculator is an app with the back-end built in Rails and the front-end built using Angular. Users have the ability to calculate their yearly electricity use and have access to the Energy Information Agency API to calculate projected cost. The app was deployed on Heroku.

SwoleMate
Swolemate is a one-page dynamic app built using Express and Node.js. The API was built with MongoDB serving JSON. Users have the ability to create their own workouts as well as access a third-party API. User authentication was done using Passport and the application was deployed on Heroku.

Taskager
Built in Ruby on Rails in one week, Taskager is a task management web application that demonstrates full CRUD functionality with complex many to many relationships. User authentication was done using the Devise gem and the app was deployed on Heroku.

Environmental Analyst, PEG LLC
Fairfax, VA / August 2014 – October 2015
Managed an environmental department team conducting site assessments and developing remedial recommendations for fire, moisture, bacterial, and fungal damage. Designed and implemented testing procedures to verify the efficacy of recommended remediation. Worked with clients to develop procedures to handle ebola virus disease patients.

Energy Analyst, PEG LLC
Fairfax, VA/ August 2012 – August 2014
Modeled yearly energy use for future residential single-family homes, townhouses, and multifamily buildings. Worked with clients to provide cost effective recommendations to meet Energy Star and IECC compliance. Developed marketing material for clients to demonstrate home utility performance. Managed the new-hire training program.

Education

General Assembly / Graduation January 2016
Web Development Immersive
James Madison University / Graduated May 2012
Bachelor of Science, Integrated Science and Technology
ABET Accredited
Senior Thesis: A Solar Powered Drip Irrigation System for Iraq
-Runner-up Integration Award