

Derek Owusu-Frimpong

I am a ruby programmer, with 2+ years of exposure to the rails 4 framework. I am very passionate about TDD(test-driven development) as well as design principles such as template method, strategy method, observer pattern and quite a few more. I am currently experimenting with continuous integration with Travis CI on my latest project.

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EDUCATION

Meltwater Entrepreneurial School of Technology(MEST),
Accra, Ghana — *Non-degree certificate of completion in software entrepreneurship*

August 2014 - June 2016

Courses in software engineering, business and communications

University of Ghana, Legon — *BSc. Zoology*

August 2008 - May 2012

Advanced Genetics, Comparative Anatomy, Evolutionary Biology, Animal

Ecology, Animal Behaviour, Introduction to Biochemistry, Vertebrate Biology

PROJECTS

Makeandbake – an online platform that connects cake lovers who want to purchase cakes of various kinds from cake makers/bakers. Please note this is a currently an on-going project.
Github Url: <https://github.com/paa-yaw/makeandbake>
Staging server Url: <https://makeandbake.herokuapp.com/>

Spring Ghana – *A REST API for home cleaning service*

A Rails API built with TDD(using RSpec, shoulda-matchers, Factory_girls gems)
Url: <https://github.com/paa-yaw/spring-ghana-api>

Afrikart — *a marketplace for artists to sell artwork*

First Capstone during my MEST education.
Role: Backend – Developer(github repo name: Capstone-2-DLD,
Url: <https://github.com/paa-yaw/Capstone-2-DLD>)

SKILLS

Programming Language(s):
Ruby, HTML, CSS

Framework: Ruby on Rails(4)

Others include:

Continuous integration and deployment with Travis CI

Facebook and twitter integration via their respective APIs

Building RESTful Rails API with json

Version control with Git

TDD with RSpec, Capybara, factory girls, shoulda-matchers

Rails API using AMS(active model serializer)

Design patterns in ruby-including template method, strategy method, observer method, iterator pattern, command pattern, composite pattern, proxy pattern, and factory method

Protein Synthesizer — *this is a pretty simple ruby project that simulates protein synthesis.*

<https://github.com/paa-yaw/ruby-project-protein-synthesis>

Deployment with heroku—creating a staging and production server by basically creating 2 different apps on heroku.

S3 bucket on AWS for storage of images and static files.

Basic Linux commands, Bash scripting

postgresql

Soft skills include:

A team player

A strong passion to learn

Excellent problem-solving skills.

Communicates clearly.

Determined mind-set