

Ismail Kalimi

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SUMMARY

Building cool things and learning new technologies; Love working with people with similar interests ; Trying to further my knowledge everyday.

I scripted in applications that focused on parametric solutions on various projects and installations. I became more interested in the internal workings of software. From there on it opened a door of curiosity to my life-long journey to understand and learn about software engineering.

Still, I'm very much in love with designing and hope to transition from a Built-Environment Architect to a Software Architect.

Also a VIM guy.

SKILLS

Languages:

Ruby
JavaScript
Python
Go Lang
Java
CoffeeScript
HTML5 & CSS3
Processing

Testing:

Rspec
Jasmine
Capybara

Frameworks:

Ruby on Rails
Android Development
Bootstrap
GreenSock Animation
React Js
Angular Js

Databases:

SQL (Postgres, MySql, SQLite)

Version Control:

Git - Github / BitBucket
SVN

Tools:

MemcacheD
Nokogiri
Mechanize
Redis
Sidekiq
Cron Jobs

Designing/Visualization:

Adobe Photoshop
Adobe Illustrator
Sketch
Autodesk 3Ds Max V-Ray
Rhinoceros 3D
Autodesk Maya

PROJECTS

Flash2HTML Gem

Built a Ruby gem to automate the process of converting flash creatives into HTML5 assets using the GreenSock Animation Library (TweenMax and Timeline). The gem adds boilerplate code and sane defaults to easily replicate animations from flash to html. Using Image Magik tool the gem also extracts images from PDF files and creates a html wrapper around it.

Project Pothole

Built a platform for users to quickly look and report potholes to the City of Chicago, data about city potholes are pulled in real-time using Open Data of Chicago and various API's, The project was built as to provide a fast User Experience for optimum feedback from the residents of Chicago, Application was built on Ruby on Rails as backend and AngularJS, AJAX and jQuery on the front with additional statistics and graph built on D3js

Historical Wiki

Created a site where users could create posts focused on historical events, which would visually represented on a timeline. Application was built on Ruby on Rails with AJAX, jQuery on the front-end and the timeline was created with D3js

EXPERIENCE

Software Engineer

ContextMedia Inc

Dec '14 – Present

- Deploying, implementing various features and bug fixes on Android applications
- Working on HTML, CSS, JS, Flash (SWF) assets on our Android Platform
- Designing various tools automating tasks using Ruby scripts delivering data to Amazon Web Services
- Developing on Ruby on Rails Management suite.

Phase 0 Guide Instructor

Sep '14 – Feb '15

Dev Bootcamp

- Teaching various topics including workflow with Git and Github, Basic overview of HTML and CSS, Introduction to Ruby with Algorithms and Object Oriented Design and working with SQL and Databases
- Emphasizing cultural aspects of pair programming
- Scheduling Guided Pairing Sessions, Office Hours and Tutoring Sessions for students
- Assessing students on assignments, exercises and conducting Code Reviews addressing their strengths and weaknesses

Architect

Jun '13 – Mar '14

DHE Consultants

- Supervised CAD/CAM technologies used in designing and production of projects
- Collaborated with team in designing villas, housing complexes, town buildings and warehouses
- Part of the production team prepared final working drawings and construction documents
- Responsible for the Production of Contract Documents, maintaining project scopes and schedules
- Worked on representational Views, 3D renderings, presentations, and environmental graphics

System & Facilities Administrator

Jun '12 – Jun '13

Al Rawi Group

- Principal head of CAD/CAM Technologies in the company
- Deployed and implemented cloud based database for engineering drawings.
- Wrote and designed documentation for project submittals
- Organized and monitored performance evaluations of employees and staff
- Initiated and authorized new policies, procedures and administration guidelines for smoother workflow
- In charge of company logo rebranding, website design and copywriting

EDUCATION

Dev Bootcamp

Jun '14 - Aug '14

Chicago, IL

1000+ hours of software development training, including pair programming and developed web applications

- Web development using Ruby on Rails, Sinatra, Node.js, JavaScript, jQuery, AJAX, HTML5/CSS3, ActiveRecord, SQL(PostgreSQL, SQLite) and deployment through Heroku and Amazon Web Services (AWS) and Version Control through Github
- Used Git and Github for distributed workflow across project teams
- Agile Software Methodology, Test-Driven Development / Behavior-Driven Development (TDD/BDD) training and best practices (RSpec, Jasmine, Capybara)
- Integrated object-oriented (OO) design patterns and concepts
- Model-View-Controller (MVC) patterns in applications

Coursera

Jan '13 - Present

Completed the following Massive Open Online Courses (MOOCs) at Coursera.org

Creative Programming for Digital Media & Mobile Apps

University of London

An Introduction to Interactive Programming in Python

Rice University

Bachelor in Architecture

Jun '07 - Jun '12

University Of Pune

Grade: First Class

Focus in Parametric & Computational Design

- Created installations and models based on the parametrically programmed designs
- Designed and scripted in Rhinoceros 3D, Autodesk 3Ds Max and Autodesk Maya
- Worked extensively BIM (Building Information Modeling in Autodesk Revit)
- Designed, wrote specifications, created construction documents, structural and working drawings for over 15 projects for housing and shopping complexes, resorts and recreational parks