Omar Khan

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github: omarkhan

Profile

Senior engineer, specialising in full stack web development in Python, Ruby and Javascript. I write code that is clean, readable, well designed and rigorously tested.

Experience

Full-Stack Developer, OpenCraft – Remote – 2016

‣ Worked on MIT and Harvard's Open edX MOOC platform
‣ Fully remote team
‣ Made major contributions to the edX platform
‣ Helped to develop a tool to deploy and manage Open edX sandboxes on OpenStack virtual machines

Backend Lead, Playlab Games – Bangkok, Thailand – 2014–2015

‣ Led the backend team at Playlab, Asia's top mobile games studio
‣ Main focus on scaling our API backends to deal with increasing traffic and a growing range of titles
‣ Developed a new backend using Rails and Node.js microservices
‣ Managed a team of 8 developers, most of whom I recruited myself

Full-Stack Developer, Arachnys – London, UK – 2012–2013

‣ Second engineer hired by Arachnys after they raised seed funding
‣ Set up continuous integration and deployment
‣ Architected and built the client-facing web application with Django
‣ Built a distributed web crawler and search backend
‣ Gained serious DevOps experience working with a complex stack

Freelance – 2010–2017

Various freelance and open source projects. Details available on request.

Projects

Mind the Gap – http://omarkhan.me/london-tube-income/

Inspired by a feature in the New Yorker, this visualisation uses d3 to show income inequality along London tube lines.

CoffeeDoc – https://github.com/omarkhan/coffeedoc

A tool to generate API documentation for class hierarchies spread across multiple CoffeeScript source files. Used by some major projects in the CoffeeScript community.

More open source projects are listed on my website (omarkhan.me) and github profile.

Skills

Python	●●●●●
Ruby	●●●●○
Javascript	●●●●○
CoffeeScript	●●●●●
Django	●●●●●
Rails	●●●●○
Node.js	●●●○○
HTML+CSS	●●●●●
jQuery	●●●●●
Backbone.js	●●●●○
React.js	●●●●○
PostgreSQL	●●●●●
MySQL	●●●●○
SQLite	●●●●○
Redis	●●●●○
ElasticSearch	●●●○○
Cassandra	●●○○○
Git	●●●●●
Mercurial	●●●●○
Unix	●●●●○
AWS	●●●●○
Docker	●●●●○
Ansible	●●●●○
English	●●●●●
French	●●●●●
Italian	●●●●○
Chinese	●●○○○
Spanish	●○○○○
Thai	●○○○○