Robin Smith

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Experience

Freelance Web Developer (March 2015 – present)
Freelance web development work on the full software stack of small and large technical enterprise applications. I provide: consultation on code architecture, database architecture, testing; automation of development and deployment tasks; implementation of continuous integration using unit-test and front-end test suites; functional user interface design.
Languages used: Javascript/Node, Python, Ruby, Bash, HTML, CSS, SASS, MySQL.
Frameworks: AngularJS, Flask, Ruby on Rails, Django
Tools: Git, Gulp, Vagrant.

DevOps Engineer, Cloudreach Canada Inc. – Vancouver (March 2014 – March 2015)
I relocated to Vancouver with Cloudreach to help start up a new Network Operations Centre in North America. I interviewed candidates and trained 6 new team members to become self-sufficient, AWS-certified DevOps Engineers capable of handling critical failures in – and restoring service to – customer web application stacks. Excellent communications were emphasised within the team as we worked with a mainly-UK customer base and UK-based colleagues.

DevOps Engineer, Cloudreach Ltd. – Edinburgh (June 2013 – March 2014)
I provided DevOps services and bespoke software development for a wide range of customer and internal production web applications and stacks. I wrote business-critical code on the Force.com platform for internal processes, email management and improvement of internal business analysis. I gave customer consultation and implemented software solutions within customer Salesforce environments. I designed and developed an internal email archiving system using python, to archive support case emails from Salesforce into Amazon S3. The archiving tool was also deployed in customer production environments. I wrote custom data export and backup tools for the Heroku and Salesforce platforms. I was recognised by Cloudreach Ltd for being Easy To Work With.

Software Developer, Cloudreach Ltd. – Edinburgh (October 2011 – June 2013)
I was the first developer in the new Edinburgh office, working on web applications using the Django and Play frameworks, and the Salesforce Force.com platform. Projects used thorough test suites with continuous integration running on a Bamboo server. I immediately became a core developer on the company's first sellable product: Alumina Connect – a substantial application which ran in Force.com and synchronised user data between Salesforce and Google Apps. I designed and developed a separate licensing application which ran on the Force.com platform and was used to license installations of Alumina Connect in customer environments. I wrote and maintained a custom continuous integration tool using shell scripts and Ant to automate deployment of code from source repositories to Force.com. The tool was used by the team throughout development of Alumina Connect, and later by other parts of the business on separate customer projects.

Software Development Skills

Languages:

Javascript
Python
Ruby
HTML, CSS, SASS
Java
Google Apps Script
Force.com Apex
Shell languages: Bash, ZSH

Frameworks & Tools:

AngularJS, Flask, CocosJS, Django, Play, Ruby on Rails
Git, Gulp, Vagrant, Github, Bitbucket
Bamboo, CircleCI
JIRA

Platforms:

Heroku
Salesforce.com/Force.com
Google Apps

Methodologies:

Test-Driven Development
Continuous Integration
DevOps, automation

Education

2005 – 2009 **MPhys Physics with Astrophysics, University of Sussex**
Degree class 2:1

Other Skills & Qualities

Efficient time management and work ethic

I take a very energetic and positive approach to life and aim to make the most of each day. Handling the workload of a physics degree alongside paid employment and recreational activities has taught me efficiency, organisation and working to a self-disciplined schedule.

Communication and people skills

I have a very strong sense for effective and clear communications, developed through a diverse range of employment and experiences: DevOps Engineer; Software Developer; Officer Training Corps (OTC); tutoring at the University of Sussex; presentations; scientific reports and essays. I gave a talk on Test-Driven-Development at a TechMeetup event in Edinburgh.

Employment History

March 2015 – Present Freelance Web Developer

March 2014 – March 2015 **Cloudreach Canada Inc.**
DevOps Engineer.

October 2011 – March 2014 **Cloudreach Ltd.**
DevOps Engineer.

October 2011 – March 2014 **Cloudreach Ltd.**
Software Developer.

January 2010 – October 2011 **Big Issue**
Voluntary work to gain wider experience and learn more about homelessness in society. In my spare time I worked on personal programming projects and learned French.

June 2009–August 2009	**University of Sussex** As an International Summer School Teaching Assistant I headed physics problem-solving workshops, providing help with assignments and essential physics tuition, for two classes of international students. The job involved marking over 70 assignments a week, providing helpful feedback and extra physics tuition where required.
October 2008 – June 2009	**Ministry of Defence – Southampton University Officers Training Corps** I undertook several weekend exercises with the army whilst completing the last year of my degree. This involved team-leading exercises, weapon handling, first-aid training, weekly drill nights and a live night-time battle exercise in a mock-up terrorist village.
June 2008 – August 2008	**Summer research placement, University of Sussex** My work involved improving a new point source extraction program developed by the Astronomy Centre. I wrote a shell script to use the extraction program to perform point-source extraction on model data sets for the Herschel Space Telescope, as part of preparation for the Herschel space mission.

About

I have always enjoyed being pro-active with learning and in day-to-day life, preferring to begin the day with swimming. In my spare time I enjoy learning the guitar and learning languages, or working on personal programming projects. I visit the library often and love to read a lot of non-fiction science books and science-fiction.