

# 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 as a lead engineer to help start up a new Network Operations Centre for Cloudreach in North America. I helped build team of AWS-certified DevOps Engineers capable of handling critical failures in – and restoring service to – customer web application stacks. I continued my previous work and trained new team members in DevOps and software development best practices. A highly-functioning team was established and was recognised by the business for performing to a high standard as well as upholding its core values.

### **DevOps Engineer, Cloudreach Ltd. – Edinburgh (June 2013 – March 2014)**

I provided DevOps and software development services for a 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 test suites with continuous integration running on a Bamboo server. I 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	<b>Languages:</b>		<b>Frameworks &amp; Tools:</b>
	Javascript		AngularJS, Flask, CocosJS, Django, Play,
	Python		Ruby on Rails
	Ruby		Git, Gulp, Vagrant, Github, Bitbucket
	HTML, CSS, SASS		Bamboo, CircleCI
	Java		JIRA
	Google Apps Script		
	Force.com Apex		
	Shell languages: Bash, ZSH		
<b>Platforms:</b>		<b>Methodologies:</b>	
Heroku		Test-Driven Development	
Salesforce.com/Force.com		Continuous Integration	
Google Apps		DevOps, automation	
Education	2005 – 2009	MPhys Physics with Astrophysics, University of Sussex Degree class 2:1	
Other Skills & Qualities	<b>Efficient time management and work ethic</b> 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.		
	<b>Communication and people skills</b> 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.