

# Robin Smith

**Email:** robin@rsmith.io

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## Experience

### **Freelance Web Developer - KaptioTravel (May 2017 – present)**

For KaptioTravel, I quickly got up to speed on a new business domain and was able to immediately contribute to server-side pricing logic, whilst greatly improving the robustness of the existing code with extra unit tests. I worked on multiple codebases on the server-side and frontend, using technologies including as Python, Pyramid, MySQL, Typescript, Heroku and Salesforce.

### **Freelance Web Developer - Insight Software (April 2016 – May 2017)**

As part of a Limited Liability Partnership, I continued working on the same projects with additional responsibilities to the team. I also ran weekly calls with the customer to go through any bugs that were fixed, before releasing them.

### **Freelance Web Developer (March 2015 – April 2016)**

I worked on a very large enterprise application for Network Rail, using AngularJS and Flask frameworks and running in AWS. I worked on all aspects of the app - front end, server, database, deployment, continuous integration. I provided expertise on architectural decisions with the codebase, to ensure the app was able to scale as it grew. Thorough testing was emphasised with an automated test suite comprising unit tests and full integration tests.

### **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

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

### 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**

**Cloudreach Ltd.**

2014

Software Developer.