

# ADAM WILLIAMS

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Denver, CO

## Profile

A professional developer focused on Go, but able to work from the server layer up to the client-side code. I truly enjoy programming, especially in Go and Ruby, and I am an active member of the local Go community.

## Technical

Go, Ruby, Javascript	Kubernetes, Helm	Puppet, Ansible
Java, Swift, Python	Git, SVN	Openstack, AWS

## Experience

### Comcast Engineer Level 4 [Comcast Cable](#)

Sept 2017 - July 2016 (Employee)  
July 2016 - Sept 2017 (Contractor)  
June 2015 - July 2016 (Employee)  
February 2015 - June 2015 (Contractor)

Design and build native Go client for Apache Pulsar, collaborating with core project developers. Project was released as open-source by Comcast. Initial plans are for the library to be incorporated into official project.

Develop application that allows set top boxes to communicate with Comcast infrastructure, written entirely in Go to replace third-party C++ product. Develop core components used for TCP & UDP communications. Use specification documents to implement protocols. Communicate with other teams to clarify requirements and help troubleshoot.

Use Kubernetes, Helm, and custom CNI plugin for national deployment across multiple data centers.

Implement custom network monitoring application. Uncover, debug, and resolve obscure DNS issue that was causing problems in production environments.

Setup automated testing, run load tests, analyze and fix performance problems.

Create video decoding software using Go.

#### Technologies Used:

- Go, Bash
- Apache Pulsar
- Kubernetes, Helm, CNI
- Puppet, Chef, Ansible

### Cabify

Senior Developer  
[cabify.com](#)

October 2013 - February 2015

Implement new features and modify existing functionality using RoR, Node.js, Go. Provision and maintain servers with Ansible, Bash scripts, and Go binaries deployed on Linode and AWS in multiple regions for service provided in 4 countries. Monitor systems with InfluxDB and manage CouchDB replication/backups. Build internal tools used for development: chat bot for automated tasks, Github to Trello service, ssh/config management tool, and a dashboard / weekly automated email.

#### Technologies Used:

- Ruby on Rails (4.x) with Ruby 2.x
- CouchDB, Elasticsearch, Redis, ZeroMQ, Go, Node.js
- Ansible, Linode
- Android

### Incuentra Technologies

Lead Developer  
[www.incuentra.es](#)

July 2010 - October 2013

Led project creation from idea to current stage. Design site architecture and programmed both front and backends. Integrate with third parties via REST interfaces. Leverage Amazon's EC2, S3, RDS, and IAM services. Maintain servers using Chef and Unix tools. Continuous deployment with capistrano. Design and implement ideas presented by members of the company. Write unit and integration tests. Localized version for Mexico.

#### Technologies Used:

- Ruby on Rails (2.x and 4.x) with Ruby 1.8.7 and 2.0.0

- MySQL, Solr
- VirtualBox, Vagrant, VeeWee, Ubuntu, Amazon Web Services
- Chef, Capistrano
- Google Prediction API

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## DixiMedia

December 2008 - July 2010

Developer

[www.lainformacion.com](http://www.lainformacion.com)

Developed the online newspaper frontend using PHP and the Zend framework. Developed the CMS used by journalists with PHP and Ext JS.

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## Just Landed

June 2008 - December 2008

Developer

[www.justlanded.com](http://www.justlanded.com) / [community.justlanded.com](http://community.justlanded.com)

Developed the Ruby on Rails website using MySQL database.

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## Ministerio de Educación

October 2007 - May 2008

Language and Conversation Assistant

Taught English, designed lesson plans in Spanish primary school.

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## MoCo Inc

May 2007 - October 2007

Web Developer

Collaborated with clients to provide solutions with Symphony framework in PHP.

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## Univ. of Minnesota Intercollegiate Athletics

September 2004 - May 2007

Web Developer

Developed intranet using a LAMP stack. Provided helpdesk support and live statistics for sporting events.

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### Interesting

Presenter at madrid.rb meetup

Presenter and co-organizer of Madrid Go meetup

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### Human Languages

English (native)

Spanish (fluent)

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### Education

University of Minnesota

Dual Major, B.S. Mathematics and B.A Spanish Studies

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Adam Williams — [williams.adam.charles@gmail.com](mailto:williams.adam.charles@gmail.com)

<http://awilliams.github.io/cv>

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