ADAM WILLIAMS

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Madrid, Spain

Profile

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

Technical

Go	Rails	Linux
Ruby	Android	Capistrano
Java	Sinatra	Ansible
Javascript	Backbone	RVM
Python	Jquery	Linode
PHP	SVN & Git	Amazon Web Services

Experience

Comcast
Engineer Level 4
Comcast Cable

June 2015 - Present (Employee)
February 2015 - June 2015 (Contractor)

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. Setup automated testing, run load tests, analyze and fix performance problems. Prepare for national deployment across multiple data centers.

Technologies Used:

- Go

- Linux

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

- jQuery, Ext, Sass

- Git, RVM
- VirtualBox, Vagrant, VeeWee, Ubuntu, Amazon Web Services
- Chef, Capistrano
- Google Prediction API
- New Relic monitoring, Geckoboard custom dashboard

DixiMedia
Developer
www.lainformacion.com

December 2008 - July 2010

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

Just Landed
Developer
www.justlanded.com / community.justlanded.com

June 2008 - December 2008

Developed the Ruby on Rails website using MySQL database.

Ministerio de Educación
Language and Conversation Assistant

October 2007 - May 2008

Taught English, designed lesson plans in Spanish primary school.

MoCo Inc
Web Developer

May 2007 - October 2007

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

Univ. of Minnesota Intercollegiate Athletics
Web Developer

September 2004 - May 2007

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

Interesting	Winner of Fundación Alia2 Social Hackathon with a Sinatra app (April 2013).	Presented at madrid.rb meetup on using Ruby with a router (February 2012) and on on video games and Ruby (February 2013). Created RTanque, a popular Ruby videogame for developers.	Ruby Rogues podcast fan and active member on their mailing list.
Human Languages	English (native)	Spanish (fluent)	
Education	**University of Minnesota** Dual Major, B.S. Mathematics and B.A Spanish Studies		