Andrew Vos

Senior full-stack developer

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About

I am a passionate software developer with over a decade of experience. Ruby is my preferred language, but I enjoy golang, javascript, and some others.

For work I enjoy delivering simple well tested software on time and under budget.

NOTE: I have recently moved to Cornwall, so I am only taking on remote work.

Interests:

- Cycling
- Dogs
- Writing code on prototyping boards… Wemos, Arduino etc.
- Playing with my .vimrc and writing scripts for Arch Linux

Recent Projects

myfil.ms basically goodreads but for films, and much simpler. Good film recommendations too.

anmo.io is a tool to quickly create websites with markdown. I use it for andrewvos.com.

ancientcitadel.com is a gif aggregator. It has it's own API that converts animated gifs to webm and mp4 formats. Supporting both formats means the videos work on all common browsers. Also the size of the gifs is drastically reduced.

garrison is a tool used to deploy software to large amounts of docker containers running on Amazon EC2.

I like working with

- Ruby, Go, JavaScript, HTML, CSS
- Postgres, ~~ElasticSearch~~, ~~MongoDB~~
- Git, ~~Mercurial~~, ~~TFS~~
- vim
- Heroku, Ubuntu, ArchLinux, CoreOS, Docker, ~~Vagrant~~, ~~Puppet~~, ~~Chef~~

Experience

Florence - *23 March 2020*

Featurist - *5th February 2018* **to** *17th March 2019*

- Working on a project for an undisclosed client

Honeycomb.tv - *24 July 2017 to 15th December 2017*

- Started off as a Developer then became Tech Lead on the Product Growth team
- Responsibilites:
    - Team of six
    - Making the product infrastructure more stable
    - Fixing painful performance issues in production
    - Multiple regional product expansion projects

Featurist - *23rd January 2017 to 2nd June 2017*

- Rewrote the entire website at foreignexchange.com for Gain Capital
- Foreign exchange money transfer service

Pension Wise - *20th September 2016 to 20th January 2017*

- Created a telephone appointment booking system for The Pensions Advisory Service.
- Source is available at https://github.com/guidance-guarantee-programme/telephone_appointment_planner

GDS (Government Digital Service) - *4th October 2015 to 25th May 2016*

- Created a content management system for the Government Service Design Manual.
- Source is available at https://github.com/alphagov/service-manual-publisher

Featurist - *2nd September 2015 to 9th September 2015*

- Short contract rewriting a site for a large pharmaceutical company

Fullsix London - *29th June 2015 to 19th August 2015*

- Major new feature development for homemadebyyou.co.uk

Featurist - *28th May 2013 to 3rd February 2015*

- Wrote the shopa.com Rails app
- Managed all the infrastructure, including extensive use of Docker, AWS, Heroku
- Wrote many microservices (mostly in Golang) that would pull data for hundreds of millions of products from popular affiliate networks and populate ElasticSearch / Postgres databases.
- Wrote an image server to handle millions of image requests and control the downloading/resizing of them in Go

Sky - *24th September 2012 to 27th May 2013*

- Worked across three different teams teaching BDD to developers, using Cucumber and Ruby.
- Helped with the recruitment of a large number of staff.
- Wrote software to enable functional testing of Android Applications (https://github.com/AndrewVos/acouchi).

BBC News - *30th August 2011 to 20th August 2012*

- Worked with the Responsive News team to help teach the use of BDD/TDD.
- Helped with recruitment of contractors and permanent developers.
- We redesigned the BBC News site using responsive design techniques to allow the site to work on a large range of mobile phones.
- Set up an automated load testing build configuration using Tsung. This build runs a few times every night and allows us to find out if any code changes during the day have negatively impacted our project.
- Designed a vagrant / puppet configuration to automatically provision sandbox environments for developers to run their code on.
- Trained testers in the use of Capybara so that they could automate some of their manual tests.
- Ran various code dojos to help developers learn Ruby, BDD and TDD.
- Helped the team move over from Subversion to Git.
- Wrote rake tasks to automatically deploy our code to test environments after a successful build.
- Worked on a REST api to list news stories by location for the News Summer Labs project.

ITV - *14th June 2010 to 29th August 2011*

- Worked on a team writing MRSS integration to allow the BBC to link to ITV videos.
- Worked with a team of ThoughtWorks developers to bring continuous delivery to our team and also improve coding standards throughout the team.
- Setup of a TeamCity CI server with a small build server farm. We also set up multiple build status monitors to show the state of the build and also the state of our various staging environments.
- Automated one-click deployment for all of our staging/production environments (production is still in progress).
- Automated the build process for itv.com.
- Training developers in the use of Cucumber, Capybara and Ruby and promoting Acceptance Testing as part of the development process.
- Worked with Akamai using their HLS streaming product to enable people with iOS devices to view streaming adaptive video.

dotCommerce - *24th August 2009 to 13th June 2010*

- Integration of our framework into pre-sliced sites and the coding of any functionality for these sites.

eForte Limited - *5th March 2009 to 24th August 2009*

- Small agency
- Contract web development

WickedOrange - *2008 to 2009*

- Freelance web design and development
- Wrote the very popular StartMenuEx start menu replacement for Windows.

LandscaperPro - *2005 to 2008*

- Created a profitable startup which wrote and sold landscape design software (called LandscaperPro) to the South African gardening industry.

Open Source Work

- https://github.com/AndrewVos/markdown-expander
- https://github.com/AndrewVos/ancientcitadel
- https://github.com/AndrewVos/garrison
- https://github.com/BBC/spassky
- https://github.com/AndrewVos/docu
- https://github.com/BBC-News/Wally
- https://github.com/AndrewVos/metherd-missing
- https://github.com/sthulbourn/anmo
- https://github.com/AndrewVos/arduino-tools
- https://github.com/AndrewVos/komainu
- https://github.com/AndrewVos/oni