



Wes Mason

BSc (Hons.)

5 Fernlea Close, Selby, North Yorkshire, YO8 4NZ
E-mail: wes@1stvamp.org; Twitter: @1stvamp; Mastodon:
@1stvamp@mastodon.technology

PROFESSIONAL PROFILE

Wes is a polyglot developer with nearly two decades of experience programming and deploying large scale networked applications.

OBJECTIVE

I am on the look out for interesting new opportunities working closely with open source that improves the world. All of it. Even the wibbly bits.

EDUCATION AND QUALIFICATIONS

BSc: Computer Science (with Honours, University of Hull, 2006)
Driving License: Full, clean
Certifications: Zend PHP5 Certified Engineer (ZEND005326)

BUZZWORDS, HO!

- Python, PHP, Node.js/JavaScript, Perl, and Go
- Chef, Puppet, Ansible, Juju
- PostgreSQL, MySQL, MongoDB, Redis, RabbitMQ, ØMQ, ElasticSearch, HAProxy, Nginx
- Prometheus, Graphite/StatsD, Nagios, Jenkins
- Release/build engineering, continuous deployment pipelines

PROFILES

- Code: <https://github.com/1stvamp>, <https://github.com/canonical-ols>, <https://launchpad.net/~wesmason>
- SO: <http://stackoverflow.com/users/2228202/wes-mason>
- Tweets: <https://twitter.com/1stvamp>, <https://twitter.com/tipsforgit>

SPEAKING

See my [Speaking Repo](#).

CAREER SUMMARY

Apr 2014-Present

Software Engineer, Canonical

- Developing, testing, maintaining and deploying code for automated deployment of the various services that make up the Ubuntu App Store, as part of a team of infrastructure/operations focussed engineers.
- Re-deployed and modernised the deployment utilities/environment for the main endpoint for Ubuntu Apps / Snaps, giving developers full control and with no downtime.
- Worked with teams to cross-pollinate ideas and utilities, bringing a DevOps way of thinking to peoples workflows, with a greater deal of communication and sharing.
- Re-factored, open sourced, maintain and speak at user groups about the [conn-check](#) network monitoring and verification utility, now used by pretty much every group doing operations at Canonical, and with a growing number of external users.
- Worked on pretty much every deployment and operations code behind the Ubuntu App Store (and some limited feature development), including better developer tooling, switch/immutable deployments, Elasticsearch scaling, Kubernetes deployments, and continuous deployment pipelines.
- First line on-call duties for the Ubuntu App Store.

Oct 2011-Apr 2014

Product Engineer, Server Density

- Senior engineer leading development of Server Density v2, re-imagining SD as multiple SOA web services in whatever fits the bill (Python, Node, PHP etc.)
- Traveling to conferences and user groups giving talks on various topics, discoveries and project arisen from v2 (codename Honshuu), as well as evangelising SD, and including writing blog posts on a variety of dev topics for a 10k+ subscriber base.
- Driving the open sourcing of as much as possible (*py-serverdensity*, *sd-proxy*, *skyhooks*, *sockii*, *trequests*, *mendedstring* etc.)
- On-call operations duties, handling out of hours server admin and debugging of issues.

August 2009-Oct 2011

Developer, Isotoma Ltd.

- Python/Django/Plone/PHP5 developer on large scale and high exposure web sites such as webtel.mobi, NetBuddy, the O2 customer forums, and Harper Collins.
- Developer on multiple Plone websites across Europe for large international pharmaceutical.

June 2007-August 2009

Web Developer, Sense Internet

- Developer on in-house PHP4 and PHP5 MVC web framework.
- Largely responsible for development on Xt3.com - the official social network for the Catholic Church and World Youth Day 2008, serving over 10,000 users.
- Project developer and out of hours support on Travelodge.co.uk, one of the top 100 visited sites in Europe.

- PHP4/PHP5/MySQL development, object and data design, penetration testing and Javascript work across a wide range of other projects.

Oct 2006-June 2007 *Trainee Systems Analyst, Business Intelligence, HTSE, HSBC Bank plc.*

- Trainee Systems Analyst in the data warehouse division of Business Intelligence, developing and testing using *IBM DataStage, Perl, IBM AIX* and *SQL* via *IBM DB2 Enterprise Edition*.
- Primarily responsible for mapping out *GLEAM* dataflow and business processes within the data warehouse, for BASEL II compliance requirements.

Aug-Oct 2006 *Trainee Developer, SEED Software, University of Hull*

- Worked on the “CompuSteer Computational Steering Network” for the “Engineering and Physical Sciences Research Council”, using *PHP/MySQL* to provide a social networking portal for Computational Steering experts around the world, to exchange information, and publish material for professional review.

2002-2009 *Goldfish Bowl Comic Book*

- Responsible for bitmap and vector image editing and layout formatting of the publications.
- Web site design and web comic orientated CMS in *PHP/MySQL*. - <http://www.gfbowl.com/>

2002-2003 *Manager, Eternal Services - EternalMail.net*

- Co-Founder of small Internet based communications business, specialising in web based e-mail, chat/instant messaging and secure enterprise communications.

Volunteer/Other Achievements

Nov 2012-present *Curator, PHP Weekly, <http://phpweekly.info/>*

- Weekly list maintainer/curator covering PHP news, links, videos, slides and projects.
- 1,800+ very loyal subscribers who really love the stickers.
- Fully open source repo containing literally everything comprising the list.

2009-2011 *Volunteer, Leeds 2600 meetings, Leeds, <http://www.leeds2600.org.uk/>*

- Organiser and attendee of monthly 2600 hacking/phreaking/geeking meetups in the city of Leeds.

2003-2006 *Volunteer, FreeSide Network, Hull University, <http://www.freeside.co.uk/>*

- Student operated *Unix/Linux/BSD* cluster, under the auspices of the British Computer Society.
- Playing a key role in providing computing services to students on the University network that the academic services do not provide.

2 Mar-2005 *Winner, BCS Computer Challenge 2005, BCS West Yorkshire Branch, Headingley Campus, Leeds Metropolitan University*

2003-2004, 2005-2006 ***Volunteer, Student Representative, Dept. of Computer Science, University of Hull***

PERSONAL DETAILS

Date of Birth: 14/06/1984

Interests include: Spending time with my son Morgan and wife Andrea; Comic Book Author; Collecting Pocket Watches; Japanese Martial Arts; late night Gru impersonations

REFERENCES ARE AVAILABLE ON REQUEST