

# Paul Waring

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## SUMMARY

Freelance PHP developer and Linux system administrator with broad range of qualifications up to and including postgraduate level. Experience in public, private and voluntary sectors, including service on several boards. Currently seeking long-term freelance clients and non-executive directorships.

## TECHNICAL SKILLS

**Computer Languages:** Proficient with PHP and SQL. Familiar with C, Python and Perl.

**Web Development:** Proficient with HTML and XML. Familiar with CSS, JavaScript and jQuery.

**Operating Systems:** Proficient with Linux, particularly Debian and Ubuntu.

**Server Software:** Proficient with Apache and MySQL/MariaDB/Percona. Familiar with nginx.

**Version Control:** Proficient with Git. Familiar with Subversion.

**Virtualisation:** Familiar with Vagrant and VirtualBox.

**Configuration Management:** Proficient with Ansible.

## EXPERIENCE

### Self Employment

Freelance PHP Developer and Linux System Administrator, July 2015 - Present

- ▶ Development of bespoke websites and customisation of existing software, primarily using PHP and MySQL/MariaDB/Percona.
- ▶ System administration (Debian and Ubuntu), including migration and consolidation of hosting platforms.
- ▶ Assist clients with implementation of best development practices, including documentation, version control, configuration management and automatic deployment.
- ▶ Deliver training on version control (Git) and configuration management (Ansible).

### Bolton & District Citizens Advice Bureau

Director & Trustee, December 2015 - Present

- ▶ Vice chair of the main board and member of the finance committee.
- ▶ Member of national Trustee Development Group.
- ▶ Representative and trustee on board of Citizens Advice Greater Manchester.

### University of Manchester

Software Support Officer, December 2013 - June 2015

- ▶ Maintained and developed internal infrastructure and software as part of a small team.
- ▶ Provided cover in laboratories for academic staff due to timetable clashes, illness etc.
- ▶ Provided student-facing support and contributed to teaching materials.
- ▶ Developed testing environments to match production, using Vagrant and VirtualBox.
- ▶ Virtualised existing physical infrastructure to improve reliability and reduce recovery times.
- ▶ Integrated multiple support systems and authored CPAN module: OTRS::ForwardQueue.

### Direct Fleet Insurance Services Ltd

IT Director, October 2010 - November 2013

- ▶ Formulated long term strategy as member of the Board, including budgets and financial forecasting.
- ▶ Researched pension provision for employees in preparation for auto-enrolment.
- ▶ Reduced server-side IT expenditure by 25% as a result of reviewing platform hosting costs, switching providers and consolidating services.
- ▶ Held Financial Conduct Authority approved person status for the duration of this role.

### Direct Fleet Insurance Services Ltd

Technical Manager, March 2009 - November 2013

- ▶ Maintained and developed online wholesale insurance trading platform, written in PHP with MySQL/Percona for data storage.
- ▶ Developed automated invoicing and credit control system, handling over £30m of annual premiums.
- ▶ Automated a wide range of repetitive tasks, including production of Excel reports, eliminating re-keying errors and reducing turnaround time.
- ▶ Built two new insurance products from scratch: commercial combined and automated breakdown quotations. Managed the full process from initial meetings with suppliers through to implementation, reviewing contracts and launch within agreed deadlines.
- ▶ Translated underwriting criteria into an XML web service with a REST API, providing 10,000 quotes per month for a salary sacrifice scheme used by over twenty medium and large UK companies.
- ▶ Worked with a wide range of external partners, including major UK insurers, Experian and the Motor Insurers' Bureau.

### **UKUUG Ltd**

Director, September 2008 - January 2013

Council Member, September 2007 - September 2013

- ▶ Organised annual conferences with other volunteers; lead organiser and conference chair for 2009, 2010 and 2011.
- ▶ Served as chairman for four years (2008-2012), with responsibility for chairing bi-monthly Council meetings and the AGM.
- ▶ Liaised with a range of corporate sponsors, including Bytemark, Google and Sun Microsystems (now Oracle).

## **OTHER ACTIVITIES**

Committee member, Manchester Classical Association, April 2016 - Present.

Treasurer, Manchester Friends of the Earth, November 2015 - February 2018.

Founder and lead organiser of a monthly walking group, May 2012 - Present.

Newsletter Editor, FLOSS UK, August 2014 - May 2016.

Treasurer, Manchester Classical Association, July 2012 - April 2016 & December 2016 - June 2017.

Webmaster, Manchester Classical Association, November 2007 - Present.

## **EDUCATION**

### **University of Manchester**

September 2007 - September 2009

- ▶ MPhil Computer Science

### **University of Manchester**

September 2006 - August 2007

- ▶ MA Ancient World Studies (Classics and Ancient History)

### **University of Manchester**

September 2003 - June 2006

- ▶ BSc (Hons) Computer Science (2:1)

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**Latest version:** [www.pwaring.com/cv](http://www.pwaring.com/cv)