

Paul Waring

SUMMARY

Freelance PHP Developer and Linux System Administrator based in Manchester, UK, with broad range of qualifications up to and including postgraduate level. Experience in public, private and voluntary sectors, including at director level.

TECHNICAL SKILLS

Computer Languages: Proficient with PHP and SQL. Familiar with Go and C.

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

Frameworks and Libraries: Proficient with Slim. Familiar with Laravel, Bootstrap and Bulma.

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

Server Software: Proficient with Apache, Nginx, MySQL and MariaDB. Familiar with PostgreSQL.

Version Control: Proficient with Git.

Virtualisation and Containers: Proficient with Docker and Vagrant.

Configuration Management: Proficient with Ansible.

EXPERIENCE

phpdev.uk

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

- ▶ Development and maintenance of bespoke websites and customisation of existing software, primarily using PHP, MySQL and MariaDB.
- ▶ PHP upgrades (all versions between 5.1 and 8.3).
- ▶ Migration and consolidation of hosting platforms, diagnosing and fixing of email issues and security improvements.
- ▶ Implementation of best practices, including documentation, version control, automated testing, configuration management, automated deployment, disaster recovery and risk planning.
- ▶ Deliver mentoring on PHP and related skills and training on version control (Git) and configuration management (Ansible).

Bolton & District Citizens Advice Bureau

Director & Trustee, December 2015 - November 2018

- ▶ Vice chair of the main board and member of the finance committee.
- ▶ Contributed to support for trustees at the national level via the Trustee Development Group.
- ▶ Represented the organisation on the board of Citizens Advice Greater Manchester.
- ▶ Focused on improving the finances of the organisation, including working closely with the finance officer and other management staff.

University of Manchester

Software Support Officer, December 2013 - June 2015

- ▶ Maintained and developed internal infrastructure and software as part of a team.
- ▶ Provided cover 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.
- ▶ Produced substantial documentation and migrated projects into version control (Git).

Direct Fleet Insurance Services Ltd

Director, October 2010 - November 2013

- ▶ Formulated long term strategy as member of the Board, including budgets and financial forecasting.

- ▶ Reduced server-side IT expenditure by 25% as a result of reviewing hosting costs, switching providers and consolidating services.
- ▶ Attended board meetings of the company's FCA principal, Blagrove Underwriting Agency Ltd.
- ▶ Held Financial Conduct Authority approved person status for the duration of this role.

Direct Fleet Insurance Services Ltd

Technical Manager, March 2009 - November 2013

- ▶ Developed wholesale insurance trading platform, written in PHP with MySQL for data storage.
- ▶ Designed and built automated invoicing system, handling over £30mn of annual premiums.
- ▶ Automated a wide range of repetitive tasks, including production of Excel reports, eliminating re-keying errors and reducing turnaround times.
- ▶ Built new insurance products from scratch, managing the full process from initial meetings with suppliers through to reviewing contracts, implementation, 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.
- ▶ Worked with a wide range of external partners, including UK and EU insurers.

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 Google and Sun Microsystems.
- ▶ Took organisation through rebrand from UKUUG to FLOSS UK.

OTHER ACTIVITIES

Committee Member, Manchester Classical Association, April 2016 - July 2021.

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.

Director & Trustee, Manchester Environmental Resource Centre Initiative Ltd, December 2008 - December 2010.

Webmaster, Manchester Classical Association, November 2007 - July 2021.

Committee Member, Association for History and Computing UK, October 2007 - October 2010.

Joint Co-ordinator, Manchester Friends of the Earth, December 2006 - April 2009.

Chairman, University of Manchester Computer Society, September 2004 - September 2005.

EDUCATION

University of Manchester

September 2007 - September 2009

- ▶ MPhil Computer Science

University of Manchester

September 2006 - August 2007

- ▶ MA Ancient World Studies

University of Manchester

September 2003 - June 2006

- ▶ BSc (Hons) Computer Science (2:1)

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