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个人简介

IT professional with broad range of qualifications up to postgraduate level. Experience in public, private and voluntary sectors, including combined eight years of service on several boards.

技术特长

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

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

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

Application Software: Proficient with Apache, MySQL and Subversion. Familiar with Postfix and Git.

Virtualisation: Familiar with Vagrant, VirtualBox, virt-manager and KVM.

工作经验

University of Manchester

Software Support Officer, December 2013 - Present

- ▶ Maintain and develop internal infrastructure and software as part of a small team.
- ▶ Provide both regular and short-notice cover for academic staff due to timetable clashes, illness etc.
- ▶ Provide student-facing support in laboratories and contribute to teaching materials.
- ▶ Develop testing environments to match production, using Vagrant and VirtualBox.
- ▶ Built PHP web service to abstract sending email in student exercises, with auditing and rate limiting.
- ▶ Integrated multiple support systems and authored CPAN modules: [OTRS::ForwardQueue](#) and [WWW::BrokenLinks](#).

Direct Fleet Insurance Services Ltd

IT Director, October 2010 - November 2013

- ▶ Promoted from Technical Manager to IT Director after 18 months with the company.
- ▶ Formulated and agreed long term strategy as member of the Board, including budgets and financial forecasting.
- ▶ Researched and implemented 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 and Perl with MySQL for data storage.
- ▶ Developed integrated and 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 two 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).

Manchester Environmental Resource Centre Initiative Ltd

Director, December 2008 - December 2010

- ▶ Elected as a director & trustee of a local sustainable development charity which runs a number of projects in Manchester.
- ▶ Focused on improving the finances of the organisation, including working closely with the finance officer and executive director to identify funding and reserve requirements, and potential reductions in expenditure.
- ▶ Chaired board meetings in rotation with other trustees.

Self Employment

Freelance Developer, February 2002 - Present

- ▶ Development of bespoke websites and customisation of existing software, primarily using PHP and MySQL.

Independent Power Engineering Contractors (IPEC) Ltd

Software Developer, July 2005 - September 2005

- ▶ Developed customised Linux distribution for monitoring of electrical substations.
- ▶ Maintained and developed web-based data analysis software using a combination of PHP and Perl, with PostgreSQL for data storage.
- ▶ Day-to-day maintenance of servers, including Apache (web) and Bind (DNS).

OTHER ACTIVITIES

Newsletter Editor, FLOSS UK, August 2014 - Present.

Lead organiser of a monthly walking group, May 2012 – Present.

Treasurer, Manchester Classical Association, July 2012 – Present.

Webmaster, Manchester Classical Association, November 2007 – Present.

教育背景

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)