

Max Manders, BSc (Hons)

I am a driven and passionate operations engineer with experience building and supporting highly available and scalable infrastructure. I subscribe to the ideals of DevOps, both technological and cultural. I'm driven to learn new skills and to be constantly challenged in all that I do. I'm a proponent of open source and open data. I've been fortunate enough to be afforded the opportunity to provide a technical review of two DevOps related books from Packt Publishing. Having organised Whisky Web, a conference for web developers, for a number of years, I'm familiar with the web development and operations community, and have a proven track record for organisation and prioritisation. I'm looking for the next exciting challenge, to allow me to contribute to a successful operations team, and continue to embrace new skills and ideas.

Skills / Applications / Languages

<ul style="list-style-type: none">• Ruby, Ruby on Rails• Chef• Splunk• Puppet• Debian- and RHEL-based Linux sysadmin• Git• Linux (Debian / Ubuntu)• Apache, NginX, MySQL, PostgreSQL, Squid/HAProxy, Vagrant, Puppet, RabbitMQ, Zookeeper, Cassandra, MongoDB	<ul style="list-style-type: none">• Bash Shell Scripting• Perl, Awk, Sed• Python• SQL<ul style="list-style-type: none">◦ MySQL, PostgreSQL, SQLite, Aurora• PHP• HTML, CSS, JavaScript
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Employment History

05/2015 - PRESENT

Roles / Responsibilities

Operations Engineer, FanDuel

- Building, monitoring and managing highly available AWS Linux infrastructure at scale using CloudFormation and Puppet, Datadog and CloudWatch
- Being a designated engineer for a number of service teams, ensuring that their operational requirements are accommodated
- On-Call Engineer

05/2014 – 05/2015

Roles / Responsibilities

Team Leader, Cloudreach Europe Ltd.

- Managed the Operations Team
- Line Management
- Requirements gathering and monitoring implementation
- Mentoring a new operations team on site in Vancouver
- Customer satisfaction, working with among others:
 - Audi; Nissan; Time Inc; Liverpool FC; Shop Direct Group; Funky Pigeon
- On-Call Manager

09/2012 – 05/2014

Roles / Responsibilities

Systems Developer, Cloudreach Ltd.

- Development and enhancement of monitoring tools deployed as Splunk apps via Chef
- Incident resolution, investigation and root cause analysis
- On-Call Engineer
- Mentoring junior engineers
- Built and migrated various AWS infrastructures involving Puppet, Chef and CloudFormation.

12/2011 – 09/2012

Roles / Responsibilities

Systems Developer / Business Analyst, Maglabs Ltd.

- Bespoke application development based on a CentOS / PHP 5 LAMP stack.
- Contribution to custom AV processing framework.

- Liaising with clients to elicit software requirements.
- Software design and specification.

08/2010 – 12/2011

Roles / Responsibilities

Systems Developer, Maglabs Ltd.

- Bespoke application development based on a CentOS / PHP 5 LAMP stack.
- Contribution to custom AV processing framework.

07/2009 – 08/2010

Roles / Responsibilities

Senior Systems Developer, Diet Chef Ltd.

- Fulfil all IT requirements of the company.
- Custom development of Zen Cart:
 - Repeat subscriptions functionality.
 - Stock control system.
 - Call-centre interface.
 - I18n and L10n to allow operations in Germany, Austria, Benelux
 - Integration with QVC data feed
 - Custom reporting for marketing analysis
- Bespoke Python GTK application to manage courier label printing.
- Implementation of Wordpress themes and plugins.
- System Administration
 - Linux, Apache, MySQL, Asterisk PABX

11/2007 – 07/2009

Roles / Responsibilities

Systems Developer, Valley Technology Ltd.

- Bespoke application development using PHP 4 / 5, MySQL/PostgreSQL
- Development of The Podfather using Symfony 1.x
- Application development, support and system administration for Farmfoods Ltd.
- Bash and Perl Scripting
- Terminal client development using C++/nCurses and C-ISAM against an Informix database.
- Systems Administration
 - Apache, MySQL, PostgreSQL, OpenLDAP, Exim/Postfix MTAs

02/2006 – 11/2007

Roles / Responsibilities

Web Developer, Crown Office and Procurator Fiscal Service

- Administration of departmental Intranet.
- User support.
- Development for Oracle 9i Application Server
- Development with Oracle PL/SQL
- Bespoke LAMP development
- Administration of Unix AIX server
- KSH and Perl scripting
- Contributed to Java SE project to replace legacy system used to retrieve and process reports sent to COPFS from various criminal justice partners.

Education History

2001 – 2005

Heriot Watt University, Edinburgh

- BSC (Hons) Computer Science

Selected Portfolio / Achievements

Personal Blog	http://maxmanders.co.uk
Whisky Web Conference, Organise/Co-Founder	http://whiskyweb.co.uk
AWS Certified Solutions Architect	Associate Level

AWS Certified SysOps Engineer

Technical Reviewer

Technical Reviewer

Associate Level

Continuous Delivery and DevOps: A Quickstart
Guide, Packt Publishing

Chef Infrastructure Automation Cookbook, Packt
Publishing