I am a keen Linux advocate with many years experience designing, building, securing and maintaining Linux based web hosting systems, with a good understanding of Devops principles. My career has also included some years consulting on server and solution security, stability and performance as well as team leadership, mentorship and management. I am experienced and comfortable conversing with anyone within a company’s hierarchy.

Available Immediately.

|  |  |
| --- | --- |
| **Role** | **Experience** |
| **Systems Engineer**  Linux, Apache, MySQL/MariaDB, PHP, AWS, Cloudflare, Ansible | 18 years |
| **Technical Consultant** | 8 years |
| **IT Management** | 6 years |

Skills

|  |  |
| --- | --- |
| * CentOS / RedHat Enterprise Linux (RHEL), Debian, Ubuntu * Apache, nginx, PHP, MySQL * DNS (BIND, Route 53), Cloudflare * AWS EC2, RDS, S3. VMWare * Networking, Iptables, Postfix, Exim * Nagios, New Relic APM * Solr, SolrCloud * Ansible, Bash, Perl, Python | * Process analysis, design, documentation and training * Disaster recovery * Incident response * Pre-sales support * Solution architecture * PHP, HTML, CSS * Basic working knowledge of Windows Server, IIS, MSSQL, O365 |

Projects

[www.royal.uk](http://www.royal.uk/) (2016-2019) / [www.princeofwales.gov.uk](http://www.princeofwales.gov.uk/) (2006-2019)

Design, build, ongoing enhancement of hosting solution for round the clock audience, to ensure uptime during planned and unplanned traffic spikes (Royal weddings and births are incredibly popular) while remaining focused on cost efficiency. Ansible built servers, Jenkins CI.

Playmaker platform (2016-2018) - Stoke City FC, Middlesbrough FC, Swansea City FC

An open-source Drupal 8 platform designed for football clubs. The product was inherited from an acquisition however lacked a robust hosting solution. Adjustments to resource sizes and numbers, autoscaling thresholds, software configurations etc led to monthly spend being reduced by more than 50%, for the first time bringing costs within the agreed budgets. Nginx, PHP-FPM, Aurora RDS, Elasticache (Memcache), Bamboo.

Employment History

|  |  |
| --- | --- |
| **DevOps Engineer / Releasd** (fixed term contract) | **10/19 - 12/19** |

|  |
| --- |
| - Security, Performance and Cost review of hosting environment (Ruby on Rails, AWS, Ubuntu). Improvements recommended, and implemented as agreed. Documentation of the environment created. |

|  |  |
| --- | --- |
| **Photographer / Family Business** | **2011 - current** |

|  |
| --- |
| - Weddings, Events, Portraiture |

|  |  |
| --- | --- |
| **Technical Operations Manager / Technical Consultant (hands on) Reading Room Ltd** | **09/11 - 07/19** |

|  |
| --- |
| - Discovery, architecture, costing, implementation, documentation and support of Linux hosting solutions (Drupal, Wordpress, and bespoke on AWS, Google Cloud, Rackspace or physical), ensuring technical and financial viability. Some involvement with Windows based hosting and Azure too.  - Incident response management. Process governance. ISO27001.  - Management of IT team (UK, Australia, Singapore), budget, suppliers. Liaison between technical and non-technical parties. Escalation point for clients.  - Planning/implementation/reporting on all aspects of IT systems/processes security, health, performance, road map.  - ongoing Systems Administrator roles/responsibilities (as below) |

|  |  |
| --- | --- |
| **Systems Administrator / Senior Systems Administrator Reading Room Ltd** | **04/06 - 09/11** |

|  |
| --- |
| - Build, maintain, monitoring of hosting solutions and ensuring availability of client websites (inc. [www.royal.uk](http://www.royal.uk/), [www.princeofwales.gov.uk](http://www.princeofwales.gov.uk/)) on AWS (EC2, S3, EFS, RDS, Aurora, Elasticache, Route 53, CloudWatch, IAM, SES), other cloud providers, on-premise virtual (VMWare, XenServer), and physical setups. LAMP, Nginx, SSL/TLS, Solr, HAProxy, Memcache, Redis, Git, Jenkins, Bamboo, Tomcat, New Relic APM, Cloudflare, Jira, Confluence  - Administration of network infrastructure; Firewalls, DNS, Email (Exim, Postfix, Sendmail, SpamAssassin, ClamAV, Spamhaus etc)  - Designing and implementing back-end systems.  - Managing DNS (600+ domains using BIND).  - 2nd and 3rd level support of hosting and network systems.  - 24x7 support of infrastructure and hosting systems.  - Disaster recovery, backups, scripting (Bash, PHP) |

|  |  |
| --- | --- |
| **Systems Administrator – Good Technology Ltd** | **09/03 – 04/06** |

|  |
| --- |
| - Ensuring availability of client sites ([www.bentleymotors.com](http://www.bentleymotors.com/), [www.audi.co.uk](http://www.audi.co.uk/), [www.premiertravelinn.com](http://www.premiertravelinn.com/))  - Administration of hosting and network infrastructure - Apache, MySQL, iptables, Samba, VMWare etc.  - 2nd and 3rd (24x7) level support of hosting and network systems.  - Disaster recovery, backups, scripting (Perl, Bash)  - Desktop support of Windows / Mac users. |

|  |  |
| --- | --- |
| **Technical Consultant / Sysadmin – ITEnabled Ltd** | **10/01 – 06/03** |

|  |
| --- |
| - Delivering Enterprise Management solutions (based around BMC PATROL).  - 1st and 2nd level support on installed solutions.  - Demonstrating Enterprise Management solutions to potential clients.  - System admin of office servers (firewall, DNS, Apache), network and demo suite. |

|  |  |
| --- | --- |
| **Unix Systems Administrator – Digital Science Ltd** | **06/01 – 08/01** |

|  |
| --- |
| - Server and software builds, configuration and admin of Sun, Linux, and Windows servers |

|  |  |
| --- | --- |
| **Unix Systems Administrator – Tiscali ISP** | **07/00 – 05/01** |

|  |
| --- |
| - Install, config and admin of servers (inc approx 50 Sun Solaris and 10 Linux).  - 2nd and 3rd level support (inc 24x7) of unix and network faults and failures.  - Monitoring IP network, ensuring network availability SLAs  - Backups, Desktop support. |

Education

|  |  |
| --- | --- |
| Certificate of H.E.  (Software Engineering) | University of Westminster |
| 4 A-levels, 11 GCSEs. | King Edward VII High School, Kings Lynn, West Norfolk |