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|  | Chris Leigh Smith  [heirsmit@yahoo.co.uk](mailto:heirsmit@yahoo.co.uk)  <https://www.linkedin.com/in/chrisleighsmith>  +44 7 717 169 516 | | | |
| I am an experienced DevOps and Linux Systems Administrator.  For the last 29 years, I have been designing, implementing and supporting high availability Unix, Linux and Cloud applications, for Public Sector, Not for Profit and Private Sector and PLC clients.  Currently working on a 3 Month contract to scope move from Pivotal & Azure Dual Tier Cloud to Google Cloud Platform and handover from French Accenture Consultancy to Permanent on-site Junior DevOps.  Client GCP Solution proposal to use: Compute Engine, Kubernetes Engine, App Engine) with autoscaled managed instances, SQL, Cloud DNS, Cloud SDK, Cloud Shell cli with terraform, Ansible and Proxy Load balancing | | | |  |
| **Operating systems:** | Red Hat Enterprise Linux 4/5/6/7, Centos, Fedora, Ubuntu, Debian, Amazon Linux, Kali and FreeBSD.  RHEV & VDI, KVM, XEN & MRG, OpenStack, Solaris 10/8, VMware ESXi Sphere 5, Windows Server 2003/2008, Active Directory, IIS, SBS, Win7/10, MacOS X / 9.x, Symantec Veritas Cluster Service, SAN, Bacula Backup server. | | |  |
| **Server Applications:** | AWS EC2, RDS. Sybase 12, Sendmail, postfix, MySQL /Mariadb, postgres and informix Databases. Squid, Samba, Apache, HAProxy SELinux, Scalix, SpamAssassin, ClamAV, Dovecot, DNS, DHCP, Puppet Labs, Nagios, Sophos, TR Matching Api FIX (MFG)Reuters RMDS, DACS, DBU, Tibco RVD,MS Exchange, RFA, Tibapi, Geneos, Hawk, | | |  |
| **User Application :** | TR Kobra 5.2, TR Eikon, TR Dealing 3000, Bloomberg, Microsoft Office 2003 / 2007, including Access Database, Open Office, LibreOffice, Exceed, Reflections, Ghost, OPK | | |  |
| **Networking:** | Tibco Multicast RVD, TCP/IP to packet level | | |  |
| **Cloud and DevOps** | 3 Years AWS, Dynamic Data, UKCloud, Microsoft Azure, Openstack, GCP and Pivotal Cloud Foundry.  Ansible, Puppet, Terraform, Jenkins, SonarQube and JMeter.  LXC, Docker and Kubernetes (Basic POC)  Gitlab, Gerrit, bitbucket and github | | |  |
| **Scripting coding:** | Perl, Bash, Python, HTML, SQL, Java Script, Command/batch, BBC Basic ! | | |  |
| **Employers:** | |  | | |
| **Thales PLC**  **Crawley, Sussex** | | **DevOps Engineer ‘Soarizon’ Startup** | **Nov 18- Present** | |
| **Job Description: 3 Month Contract Handover French consultancy ‘Drone Management platform’ pipeline to new UK Junior DevOps and Plan GCP Migration** | | | | |
| **Document and Administrator** existing **Jenkins and SonarQube pipeline** for ‘GoLive’ Drone project and **make Production Ready. Hybrid Two Tier cloud based** on **Pivotal (PCF) Cloud Foundary Microservices front end** platform and **Ms Azure Postgres Backend.**  **Scope** future **GCP Migration.**  **Projects and Proof of Concepts /duties:**  **Document** and **Handover Terrraform, Ansible, Jenkins, Sonar, Prometheus, Grafana ,Fluentd platform to UK Based Junior DevOp engineer.**  **Security Audit of Azure & PCF. Backup** and **DR Strategy.**  **Capacity Test e**xisting Architecure. **Pentest report** and fix  **Design Migration path from PCF to GCP for future implementation using Terraform Backfill Javascript developers for Bug fixes** | | | | |
| Skills Gained: **Pivotal cloud Foundary PaaS, SonarQube, React API. npm, nodeJS, prometheus, grafana, fluentd** | | | | |

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| **Hogarth WorldWide**  **London, WC1** | | **DevOps/ Global Sys Common Platform** | | | | | | | **May18- Oct18** | | | | | | |
| **Job Description: Migrate current AWS EC2 estate to a container based solution, EKS or platform.sh** | | | | | | | | | | | | | | | |
| **Administrating 500 Worldwide Designers and Developers usage of Gitlab and Jenkins.**  **For 3rd party website development for Rolex, Nestle, apple and Santander clients**  **Projects and Proof of Concepts:**  **Zabbix Audit**  **Cost saving Audit of AWS Globally.**  **Security Audit of AWS**  **Security Audit of Azure**  **Migrate India Devops U.S Development servers and Statis server to Azure**  **Architecture design f**or customers to use **AWS approved Drupal Standard Build** for HGWW CMS usage.  **Move gitlab to bitbucket**  Proof of Concept to move current **Azure/AWS hosted Jenkins CI/CD to containers** using AWS or **platform.sh serverless container based solution.**  **Single signon using SAML for Jira, Confluence and Bitbucket, ELK stack** | | | | | | | | | | | | | | | |
| **Ministry of Justice,** **London, SE1** | | **SysOps / DevOps Common Platform** | | | | | | | **Jan18 - March18** | | | | | | |
| **Job Description: BAU Triage of Prod, PreProd, Dev and Test environments** | | | | | | | | | | | | | | | |
| **Managing Jira Agile solution for Development implementation and integration issues. End to end workflow Support for Test>Dev>UAT>PPRD>PRD VAPP Environments**  **Developer support** (300+ users) for Gerrit(Git) issues including repo corruption and backup issues.  Advising on **Zabbix** performance monitoring and **Bacula** configuration and investigating Postgres issues. Debugging Bash and Python Scripts Documentation of Zabbix upgrade process and **Postgres FT and HAProxy configuration.** Use of **ansible**, puppet and **Terraform,** **gerrit**, bacula and zabbix to maximise the reliability and efficiency of application migrations from UKCloud(skyscape) to Microsoft Azure | | | | | | | | | | | | | | | |
| Skills Gained: **Gerrit, Postgres, UKCloud, HaProxy, Jira**, **Python** | | | | | | | | | | | | | | | |
| **Change, Grow Live,** **Brighton** | | **DevOps and Linux System Administrator** | | | | | | | **Jan16- Jan18** | | | | | | | |
| **Job Description: Production support of all Linux Server infrastructure for case management healthcare system. Reporting directly to head of development and CTO** | | | | | | | | | | | | | | | | |
| Maintaining and Migrating Case Management **LAMP baremetal** servers to a new **AWS infrastructure.**  **DEVOPS** Bridge role within in the companies distributed **Development workforce.** Working within IT Department in the Development Team.  **Proof of concept DR Solution** testing **Centos & Azure** vs **Centos & AWS** vs **Centos & oVirt** vs **Centos & Apache Mesos, Jenkins, Git, Ansible, Puppet,(Infrastructure as code)**  **Pen testing** and Web Security using **Kali, Qualys and IPS Snort OSSEC**  Build demo of Invision Forum CMS **using Amazon Linux 2, EC2, RDS(Aurora DB), Route53, ELB, SNS, Elastic Cache, AMI and WorkMail.** using **Terraform**  Proof of concept **Continuous Integration with Jenkins. Docker LXC and Kubernetes (OpenStack)**  Move **Bash/Perl monitoring scripts** to **Zabbix Monitoring with Slack alerting** | | | | | | | | | | | | | | | | |
| **Skills Gained: Git, Ansible, Vagrant, Terraform, Jenkins, AWS, Azure, Zabbix, Kali, OSSEC, Perl** | | | | | | | | | | | | | | | | |
| **LJE, 95 Ditchling Road,** **Brighton, BN1** | | | | **Systems Administration & Project Management** | | | | | | | | **Jan12 – Oct17** | | | | |
| **Job Description: Operational and Project consultant for Linux and 'Open Source' application servers. Upgrade and migrate all Redhat / Windows servers onto a virtualised RHEV6/RHEL 6 server farm.** | | | | | | | | | | | | | | | | |
| **ITRS Group, Worship St**, **London** **EC2** | | | | **Consultant Infrastructure Services** | | | | | | | | **Aug 11–Dec 11** | | | | |
| **Job Description: Design and Implement Unix, Linux, and Window infrastructure, Application, Performance and Business flow monitoring.** | | | | | | | | | | | | | | | | |
| **Societe Generale,**  **41 Towerhill**, **EC3N** | | | | | **Market Data Services Technology** | | | | | | | | **Nov 09–Aug 11** | | | |
| **Job Description: Monitor, Maintain, Capacity Plan, Project manage Server infrastructure for all EMEA Market Data / Broker trading applications for 1300 users** | | | | | | | | | | | | | | | | |
| **Fortis Bank, AldermanBurry Sq, EC2V** | | | | | | **Clearing Systems** | | | | | | | | | | **May 09 – Nov 09** |
| **Job Description: System Administration** of **Sun M5000 Solaris 10 Veritas Cluster Services** running on **HP EVA8000 SAN and Informix Database.** Support and Projects relating to **Clearing Systems ‘trafic’ Middleware, including Unix/Linux/Wintel** and **Swift CREST Access Alliance** servers | | | | | | | | | | | | | | | | |
| **CALYON**  **Appold St, London EC2** | | | | | | | **EE Unix MKD Sysadmin** | | | | **Mar 07–Dec 08** | | | | | |
| **Job Description: System Administration of Unix & Windows Market Data infrastructure servers + New Data Centre DR build project to ITIL standard for 500 European Traders** | | | | | | | | | | | | | | | | |
| |  |  |  | | --- | --- | --- | | **Credit Suisse, E14** | **System Admin MDT** | **Oct 05 – Mar 07** | | | | | | | | | | | | | | | | | |
| **Job Description: European 3rd Line Support and Project Management of Unix and Wintel Market Data** servers for Tibco, Reuters Triarch, RMDS and IBD Infrastructures | | | | | | | | | | | | | | | | |
| **Infrasup, Green Lane, SE9 3TL** | | | | | | | | **Team Leader** | | | | | | **Jan ‘03 –Sept ‘05** | | |
| **Job Description: Advice to Government and Private SME’s in London & South East.** | | | | | | | | | | | | | | | | |
| **RBS Coutts, Bush Lane, EC4** | | | | | | | | **Middleware Developer** | | | | | | **Jan’01- Nov ‘02** | | |
| **Job Description: Develop and Support “The Hub” On-line Banking Middleware Unix and Wintel Infrastructure.** | | | | | | | | | | | | | | | | |
| **Goldman Sachs, 120 Fleet St, EC4** | | | | | | | | **Enterprise Technology** | | | | | | | **Nov’99 -Dec’ 00** | |
| **Job Description: Unix support and projects for European Market Data trading** infrastructures. | | | | | | | | | | | | | | | | |
| **MAM, EC4R** | | | | | | | | **Solaris Admin Equities** | | | | | | | **Apr’99 - Aug’99** | |
| **Job Description: Market Data Services Second Line Support**, Projects, Administration of the Solaris backbone for 300+ users. | | | | | | | | | | | | | | | | |
| **Sumitomo Finance, EC4** | | | | | | | | **MDS Project Manager** | | | | | | | **Jul’98- Apr’99** | |
| **Job Description: Upgrade & Decommission Non Y2K legacy Unix and Windows systems** Migrate two Banking systems from SunOs to Solaris | | | | | | | | | | | | | | | | |
| **Deutcher BTAB, EC2** | | | | | | | | **Information Delivery** | | | | | | **Apr’98- Jul’98** | | |
| **Job Description:** Upgrade SunOS to Solaris 2.6 Sun Ultra. Triarch SSL3 to SSL4 migration. | | | | | | | | | | | | | | | | |
| **BZW, 5 North Colonnade, E14** | | | | | | | | **Information Delivery** | | | | | | **Jan’98- Apr’98** | | |
| **Job Description:** Plan and Implement User and Backbone migrations after CSFB buyout of | | | | | | | | | | | | | | | | |
| **Reuters PLC, , EC4** | | | | | | | | **Unix Mobile Support** | | | | | | **Jul’90- Dec’97** | | |
| **Job Description:** Mobile support for all companies Unix /Windows market data products and services to London city based Investment banking customers. | | | | | | | | | | | | | | | | |