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| **Lewis James Sardeña** | Ealing Road  Wembley  lewis.sardena@me.com  07415115994 | |
| Professional IT contractor with 14 years’ experience. Specializing in DevOps, Cloud, Automation, Virtualization and Infrastructure.  **EDUCATION and CERTIFICATIONS**  **Diploma –** 2008 El Limonar International School  **MCSA**: Windows Server 2012  **VCA-DCV:** VMware Certified Associate  **MCTS:** Implementing Microsoft Azure Infrastructure solutions  **MCTS:** Architecting Microsoft Azure Solutions  **MCSE:** Cloud Platform and Infrastructure  **CHEF:** Chef Basic Fluency Badge  **AWS:** Certified Solutions Architect – Associate  **AWS:** Certified SysOps Administrator – Associate  **AWS:** Certified Developer – Associate  **CloudBees:** Certified Jenkins Engineer  **Docker:** Docker Certified Associate  **EXPERIENCE**  **DevOps Engineer –** Aug2018 **–** Present (Contract)  **Sainsbury’s,** London, UK  Supporting the roll-out of Sainsbury’s SmartShop by providing Cost Optimizations, Deployment Pipelines, and improvements to the infrastructure for faster delivery.  -Implemented pre-baked AMI’s for faster deployments, upgrades and scaling utilizing Ansible and Powershell.  -Migrated all existing CloudFormation stacks to Terraform with a Blue/Green deployment type.  -Implemented the use of Spot Instances for Auto-Scaling Groups with On-Demand ASG’s for Failover with CloudWatch and Scaling Policies.  -Deployed Graphite and Graphana into production.  -Created New Multi-Branch Jenkins pipelines to deploy new infrastructure changes.  -Created Lambda Functions to perform housekeeping of old AMI’s, Snapshots and EBS volumes.  BAU: Assisting Performance team with changes, updates and upgrades to their testing environment via Ansible/Terraform.  **DevOps Engineer –** Sept2017 **–** May 2018 (Contract)  **Hogarth Worldwide (WPP Group),** London, UK  Supporting a variety of different development teams utilizing a number DevOps tools including Jira, Confluence, GitHub, Docker, Ansible, Terraform and Jenkins.  -Jenkins: Creating jobs, Pipelines, Access Control, Troubleshooting.  -Jira: Creating projects, Dashboard, Workflows, creating and modifying schemes.  -Linux: Administration and Troubleshooting.  -Docker: Administration, Troubleshooting, Jenkins integration, Dockerfiles, Swarm, docker-compose.  -Ansible: Creating and Managing Playbooks.  -AWS: EC2, Route53, IAM, S3, Lambda, VPC, CouldFormation, Cert Manager, Directory Services, Elastic Beanstalk, Elastic Container Service, Dynamodb, CloudFront.  -Terraform: Managing AWS infra as Code, Creating and updating new resources, implementing Modules and Workspaces.  -Azure: VM's, AppServices, SSL, DNS, Storage, Key Vault, Load Balancer, SQL DB, NSG's.  - SonarQube deployment and configuration, all Jenkins builds passed through SonarQube before deployment.  Linux: Apache, MySQL, PHP, NginX, Key Management, Security and general adminitration.  Jira: Creating nd Managing Projects, Workflows, Fields, Screens and Dashboards.  **Senior Infrastructure Engineer -** April 2017 **–** August 2017 (Contract)  **Kobalt (Kobalt Music Group),** London, UK  - Design, build and implementation of new Backup Solution with Veeam and NetApp AltaVault Cloud Integrated Storage.  - Design and implementation of DFS/R for all global file shares.  - Virtualization of all File Servers on to Hyper-V hosts.  - Worked with Network Engineer to assist in re-IP of global infrastructure.  - Day to Day BAU of Compute and Storage systems: Windows, Linux, Dell, NetApp.  - Provided detailed documentation and high-level Visio designs of infrastructure.  **AWS/Windows DevOps Engineer -** Feb 2017 **–** April 2017 (Contract)  **Reed Exhibitions (RELX Group),** London, UK  - Managing the AWS Cloud Platform, responsible for maintaining and improving Cloud hosted applications and services.  Continuous improvement, orchestration and automation of hosted services.  **-** Managing the Core infrastructure, responsible for responding to, diagnosing, researching and resolving technical problems, as well as proactively maintaining the platforms.  - Process and Standards documentation.  - Planned for and responded to service outages and interruptions.  - Deployment of intrusion detection (McAfee HIPS) for RX web stack.  - Powershell Scripting.  - Automated the deployment of Splunk Forwarder Agents.  - Troubleshooting issues with IIS.  - Deployment of new and updated code to our web platform during releases for Preprod and Prod utilizing automation such as Powershell, Ruby and Chef.  **Cloud and Infrastructure Delivery Engineer -** May 2016 **–** Feb 2017 (Contract)  **River-Island,** London, UK  Projects:  - File Server migration from Windows Server File Servers to Azure StorSimple Appliances. Windows Server front end iSCSI attached Storage, DFS replication and Azure Blob backend.  - Redesigned and architected entire Veeam Backup solution with new schedules, jobs, copy jobs, scale-out repositories and proxies. Created VMware Tag based Backup jobs so simplified VM to backup job placement during VM commission.  -Design, implementation and configuration of off-site, long-term retention Backup solution for Veeam, Scale-out repositories hosted on Azure IAAS servers in an availability set (ARM) with Azure Automation for Power on-off schedules during secondary backup copy window.  - Migrated services away from Azure ASM to Azure ARM: Designed and implemented new Network, Subnets, and gateway, VPN connection to on premises.  - Configured Azure Network Security Groups.  - Configured monitoring and alerts for IAAS server utilization.  - Scripted the installation on Azure IAAS server for basic configuration, Name, domain join, etc.  - Monitoring and Alerting solution for Infrastructure Servers/Services (SolarWinds IP Monitor).  - VMware Storage Tiering and Profiles, Categorized Datastore Clusters, and applied Storage capabilities. Profiled all VM’s based on their resource requirements and moved servers to appropriate storage for better balance and management of resources in the virtual infrastructure.  - Active Directory OU and GPO redesign. Complete clean of stale, unused, and unwanted Active Directory objects.  - DHCP migration to Windows Server 2012 R2 in a load balanced configuration across 2 datacenters.  - Migration of legacy 2000 domain to 2003 (legacy domain for bespoke application requirements).  - Migration from Microsoft DirSync to Azure AD Connect.  - Deploy and Configure OMS solution for monitoring Linux and Windows Servers utilizing Insight & Analytics and Security and Compliance Solutions.  - Documentation, LLD’s and HLD’s of existing and new infrastructure.  - Design, Deployment and configuration of Azure AD services: Privileged Identity Management and Identity Protection.  BAU:  - PowerShell Scripting, automating specific tasks, checks and audits.  - Administering and monitoring of Azure VM’s, Storage, AD and Networking.  - Monitoring Backups and resolving issues with any failed jobs.  - McAfee ePO administration.  - Administration of Office 365 users and groups, monitoring and reporting, troubleshooting.  - SAN Administration EMC VNX, creating Storage Pools, LUN’s, Access control, and Monitoring.  - VMware vSwitch migration to DvSwitch, additional NIC’s utilized and separation of traffic configured.  - Documentation and high-level diagrams of Infrastructure systems and services.  **Infrastructure Engineer -** September 2013 **–** April 2016 (Contract)  **Reed Business Information (RELX Group),** London, UK  - BAU Infrastructure Support for DNS, DHCP, Active Directory, NetBackup and Citrix in a multi forest/multi domain environment, with both physical and virtual servers in a hybrid cloud environment (VMware and AWS)  - SQL Server – basic administration, installation, security, basic queries.  - AWS administration, creating new instances, changing instance type, and security group management for instances. Elastic IP’s, ELB’s, VPC security and management.  - Citrix XenApp: Farm migration from 4.5 to 6.0. Working with developers and users to get applications –migrated and tested. Citrix XenApp server builds for DR environment. Application and Desktop creation and publishing, policy configurations. Web interface migration. Access gateway configuration.  - Citrix XenApp/Desktop 7.5: Planning, design and implementation of Delivery Controllers, License server, StoreFront, Director and VMware host integration. Master images deployed with MCS and provision services for rapid deployment and updating of Citrix delivery servers for 6 sites including a DR site across the US and European RBI offices and the migration of all applications and desktops from XenApp 6.0.  - Migration of Citrix Secure Gateways to Netscaler 11 VPX appliances configured in a HA configuration with 2 factor authentication utilizing Microsoft Multi-Factor authentication for US and UK and DR sites.  - Daily system checks of infrastructure servers and remediation of any issues.  - Documentation and data gathering to assist with backup project moving from NetBackup to CommVault.  - Daily administration of NetBackup: Policy creation, Tape and Storage pool monitoring, Restores, Backup failure troubleshooting and remediation.  - Citrix XenApp server/farm builds, configuration and administration.  - WSUS installs for new domains, troubleshooting, reporting and remediation.  - Group Policy creation, scope management, and testing.  - Documentation and Visio diagrams.  - SAN Administration, LUN Creation, Disk changes, CIF shares, iSCSI Targets. (HP and IBM)  - MacAfee ePO remediation of non-compliant servers, policy management for exclusions.  - CommVault administration: agent deployment, backup, restores, storage policies and schedules, and storage media.  - InfoBlox administration and assistance with migration from Windows DHCP and specific scopes from Windows DNS.  Remote Desktop Services: created new farm for applications not compatible in a Citrix environment. Including server builds, licensing and session broker configuration.  - VMware vSphere 5.1/5.5: Administration, new VM builds, processor, memory and storage assignments/editing. Templates, cloning, P2V, migration of servers to alternate vCenter site.  Project involving the decommissioning of all Windows Server 2003 servers still in production on the RBI network to Windows server 2008 R2, 2012 or 2012R2 depending on compatibility or services/roles. The servers I migrated included Citrix server (old 4.5 farm) domain controllers and file servers.  **Infrastructure Engineer -** August 2013 **–** September 2013 (Contract)  **Arthur J. Gallagher**, London, UK  **Infrastructure Engineer -** May 2013 - August 2013 (Contract)  **Law Debenture,** London, UK  **Senior Technical Engineer -** April 2012 – May 2013 (Contract)  **Savills Plc**, London, UK  **IT Support Engineer -** February 2010 –April 2012 (Perm)  **Harper Collins Publishers**, London, UK  **Systems Administrator -** February 2009 – October 2009 (Contract)  **Net Media Planet**, London, UK  **PC/Network Administrator -** September 2007 –October 2008 (Contract)  **Viking-Homes**, Alicante, Spain  **Desktop Support Analyst -** March 2007 – August 2007 (Contract)  **MCPS-PRS**, London, UK  **Computer Technician -** October 2006 – March 2007 (Contract)  **Badger Computer Services**, London, UK  **IT Support Engineer -** July 2004 – September 2006 (Perm)  **WolfNet**, Alicante, Spain  **REFERENCES**  Available upon request. | | **Skills**  **AWS**  EC2  S3  VPC  Route53  Cloud Watch  Cloud Trail  IAM  CloudFormation  Auto Scaling  ELB  RDS  SNS  Elastic Beanstalk  ECS  EKS  Lambda  EFS  **Azure**  Virtual Machines  Storage  Azure AD  Automation  Templates/ARM  StorSimple  Networking  Security  Traffic Manager  **Linux**  CentOS  RedHat  Ubuntu  **Containers**  Docker  Swarm  Rancher  Cattle  Portainer  Kubernetes  **CI/CD**  Jenkins  VSTS  **Configuration MGMT**  Chef  Ansible  **Infrastructure as Code**  Terraform  Cloudformation  **Version Control**  Git  GitHub  GitLab  CodeCommit  **Monitoring**  SolarWinds  PRTG  Nagios  ELK  Graphite/Graphana  **Collaboration Tools**  Confluence  Jira  Slack  Teams  **Scripting**  Powershell  Bash  **Microsoft**  Windows Server  Active Directory  Group Policy  Exchange  IIS  SharePoint  WSUS  RDS  DHCP  DNS  Certificate Services  DFS  Hyper-V  APP-V  File and Storage  OMS  **Office365**  DirSync  Azure AD Connect  Administration  Migration  **VMware**  vSphere 5.5  vCenter  Workstation  Converter  ThinApp  **Citrix**  XenApp  XenDesktop  Provisioning Server  EdgeSight  XenServer  XenCenter  Netscaler  MCS  StoreFront  **VEEAM**  Backup and Replication.  Design/ArchitectingTroubleshooting    **Symantec**  NetBackup  Enterprise vault  Endpoint Security  Backup Exec  **CommVault**  Backup/Restore  Scheduling  Policies  Troubleshooting |