Mr John Lang

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**Personal Statement**

DevOps Engineer / Cloud Architect with previous experience in Solution / Infrastructure architecture, experienced in public, private, financial and military environments internationally. Able to work within a team and autonomously to provide technical guidance and design to ensure business requirements are efficiently and adequately satisfied. Quick and willing to learn new businesses, concepts and technologies, share knowledge and mentor less experienced team members. Specialising in virtualisation and cloud technologies including AWS, experienced with customer and vendor management.

**Status**

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| --- | --- |
| **Eligibility:** UK/EU Citizen |  |
| **Driver's License:** Full  **Security Clearance**: Expired SC Cleared, willing to renew |  |
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**Employment History**

**Job Title:** Cloud Architect / Engineer

**Location:** Remote

**Dates Worked:** Present

**Company Name:** LangCloud ltd

**Details:**

Staying up to date with trending technologies, including Amazon AWS Solutions Architect certification, GCP, Jenkins, Git, Ansible, Orchestration, Continuous Integration and Continuous Delivery. Automating AWS with Terraform and automating build and testing with Jenkins2 and Maven.

Currently developing infrastructure as code using Terraform and Ansible to deploy Kubernetes on AWS to host microservices applications.

**Job Title:** Senior DevOps / Cloud Engineering

**Location:** Remote / UK

**Dates Worked:** January 2018 - Present

**Company Name:** Tesco Bank PLC

**Details:**

Joining to support the critical phase of one of the banks key initiatives as the project was approaching Go-Live. Instilling DevOps practices and culture in the organisation.

Lead DevOps Engineer for DADI Award nominated Tesco Bank New Product Customer Experience application.

Key team member implementing PSD2 Open Banking, including automation and deployment of Ping Identity, Google (Apigee) Edge and Symphonic Policy Manager on AWS.

Advocate of DevOps practices, including automation, Kanban, cloud native architecture.

Mentor to less experienced and junior team members

Refactoring pure Ansible IaC to be immutable and idempotent with more appropriate tooling.

Example technology stack, including but not limited to:

Ansible, Ansible Tower, Ansible Galaxy Roles, Ansible Projects, Python, Troposphere, bash, Jenkins pipelines and JCasC, CI / CD, Docker, GitHub, GitLab, Microsoft Teams, SharePoint, Microsoft Server, Acitve Directory, LDAP, Visual Studio Code, Jira, Confluence, HipChat, Packer, Splunk, Nexus, Postman, RHEL, Ubuntu, MacOS, Citrix XenApp / XenDesktop, Squid Proxy, Apache, Jboss, Node.js, Java, Oracle, SQL, Pen Test remediation, Certificate Management, Android Mobile, Security Patching compliance, Tagging compliance, CIS compliance, OpenVPN, TIBCO.

Example AWS Stack, including but not limited to:

Ec2, CloudFormation, RDS, Lambda, Route53, SNS, ECS, ECR, CloudWatch, IAM, Organisations, CodeDeploy, S3, ElastiCache, CloudTrail, [Athena](https://eu-west-1.console.aws.amazon.com/athena/home?region=eu-west-1), DMS, VPC, Direct Connect, Config, Systems Manager, KMS, Billing.

**Job Title:** Senior DevOps / AWS Consultant

**Location:** Remote / UK

**Dates Worked:** April 2017 - November 2017

**Company Name:** People's Postcode Lottery

**Details:**

Providing consultancy and technical services for PPL’s transition to the Cloud and DevOps methodologies, providing AWS Security and Organisational architecture and transitioning existing traditionally hosted web services, including PHP, NodeJS, Java, Varnish, ModProxy etc to AWS.

Integrating AWS services with existing telemetry tools such as logstash, logspout for containers, elasticache, OpsGeni, newrelic

Developing Ansible roles render and deploy Cloudformation templates to build infrastructure including Serverless using AWS SAM

AWS stack - CloudFront, ApiGateway, Lambda, RDS, ElasticSearch, EC2, VPC, AWS Organisations, CloudWatch, CodeDeploy, CloudTrail, ECS, ECR, CloudFormaton, Docker, Ubuntu, RedHat, Jira, Bitbucket, Bamboo

**Job Title:** Lead AWS Consultant / Infrastructure Architect

**Location:** Remote / Wiltshire, UK

**Dates Worked:** April 2016 - November 2016

**Company Name:** Web Technology Group ltd

**Job Type:** Contract

**Details:**

Producing architecture artefacts including systems diagrams, high level and low-level design documents for hybrid cloud solutions. Responsible for information assurance response and resolution activities and designing secure infrastructure. Working directly with central government client (Home Office) on national security solutions.

Providing project support, architecture, design and implementation services for a heterogeneous platform consisting of technologies such as Amazon Web Service (AWS), Microsoft Server 2012R2, Active Directory, Windows 10, Remote Desktop Services, Microsoft System Centre Configuration Manager (SCCM), Microsoft SQL 2012 / 2014, Citrix XenApp / NetScaler, Palo Alto VM-Series Firewall and VMWare 6.0. HP Proliant

**Job Title:** Infrastructure Architect / Technical Coordinator

**Location:** The Hague, Netherlands

**Dates Worked:** November 2015 – March 2016

**Company Name:** European Patent Office

**Job Type:** Contract

**Details:**

Responsible for a multinational team of highly skilled technical subject matter experts split between multiple locations across Europe. Acting as the interface between the SME’s and domain architects within the business to provide technical guidance and make recommendations on solutions.

Delivering Wintel and VMWare services to an estate of 10,000 workstations, prioritizing workload and project activities to meet customer requirements. Managing high priority incidents and activities with key stakeholders and ensuring design and implementation activities are carried out to the highest standards.

Identifying opportunities to streamline or automate processes with appropriate tooling and make suggestions to both technical and non-technical audiences.

Responsible for producing regular reports on project status and technical activity progress to be presented to key stakeholders while able to manage relationships in a professional manner.

Exposure to technologies such as Splunk, JIRA, VMWare vRealize Operations (vROPs), System Center Orchestrator.

**Job Title:** Solutions Architect

**Location:** Riyadh, Saudi Arabia

**Dates Worked:** October 2014 – October 2015

**Company Name:** ISE / BAE Systems

**Job Type:** Contract

**Details:**

Providing infrastructure and architecture consultancy services for BAE Systems to support the delivery of programs for the Royal Saudi Air Force. Providing technical architecture and design for projects and implementation activities.

Responsible for the design architecture of complex application and infrastructure deliveries on converged systems, including HP ConvergedSystem 700c 2.0, including Microsoft System Center 2012 R2, Hyper-V, VMWare ESXi, Citrix XenDesktop / XenApp and various aviation specific maintenance and training applications.

Consulting for public and private cloud initiatives including Microsoft Private Cloud, Azure, Office 365, Azure Active Directory

Working within the architecture team reporting directly into the lead enterprise architect and program manager, collaborating with third party suppliers and in house SME’s to develop solutions and detailed designs.

**Job Title:** Live Services Specialist – European Live Services

**Location:** Newcastle upon Tyne, Tyne & Wear, ENG

**Dates Worked:** July 2013 – October 2014

**Company Name:** Sage UK Ltd

**Job Type:** Permanent

**Details:**

Working in Sage’s Newcastle-based European DevOps Team. Tasked with design and implementation for a number of Sage's online products across Europe. Responsible for the development and management of key systems that run the Sage European on-line portfolio.

The role required total service ownership, including service management activities, stakeholder management, vendor management and customer management.

Technical lead in the migration of two of Sage’s core online services from traditionally hosted infrastructure to Infrastructure as a Service (IaaS) in Amazon Web Services (AWS) Cloud to provide products as SaaS. Working in a DevOps Agile environment.

Design and implementation and migration of

* Amazon VPC, RDS, EBS, EC2, IAM, Cloudwatch, Glacier
* Configuration management
* Hybrid multi site / cloud architectures
* Multi Factor Authentication including GoogleAuth, LDAP
* Microsoft Azure IaaS / PaaS
* RHEL / Linux Administration
* Backup and snapshot management
* Microsoft SQL Clustering
* Microsoft Active Directory 2003, 2008, 2012
* Microsoft File Server Clustering
* 1500+ customer Citrix infrastructure including XenApp 5.0, 6.5, 7.5
* Automated scaling and provisioning
* Automated Power and Capacity management with Microsoft Powershell
* Microsoft IIS 6.0, 7.5
* Citrix NetScaler for SSL and Load balancing and Access Gateway
* REST API / JSON
* Microsoft Server technologies
* Microsoft System Centre 2012
* Rackspace Hosting

Exposure to Chef, Puppet, GitHub, Ansible, CloudFlare, Nginx, DevOps, Agile, Scrum etc.

**Job Title:** Technical Analyst - Infrastructure

**Location:** Newcastle upon Tyne, Tyne & Wear, ENG

**Dates Worked:** Jan 2012 – July 2013

**Company Name:** Virgin Money

**Job Type:** Permanent

**Details:**

Technical lead on all Citrix technologies including VDI and application virtualization on XenApp and XenDesktop including AppSense and AppDNA.

Planning the integration and upgrade of Active Directory forests to consolidated organizations.

Working closely with project and program managers to deliver various solutions on Windows Server, Database and VMWare technologies

Upgrade remote Citrix access solution, consolidating Citrix WebInterface, Advanced Access Control and physical Citrix Access Gateway devices to ncore NetScaler MPX and Netscaler HA with Clustered WebInterface.

Working closely with Microsoft and Citrix to build a detailed business case for Desktop transformation, including XP migration, data migration and application repackaging for 8000 users.

**Job Title:** Technical Analyst - Infrastructure

**Location:** Newcastle upon Tyne, Tyne & Wear, ENG

**Dates Worked:** April 2006 – Jan 2012

**Company Name:** Northern Rock PLC

**Job Type:** Permanent

**Details:**

Citrix lead, supporting, developing and steering Citrix XenApp, Netscaler, Access Gateway, Appsense infrastructure. Implementing POC and demonstration environments for XenDesktop on Wyse Xenith Clients / HP POE devices.

Provide management of the distributed Microsoft Windows Server estate including AD authentication services, Exchange corporate email, Citrix Server Infrastructure, Blackberry Enterprise Server, FTP/SFTP/Connect Direct File Transfer Services, Rightfax Digital Faxing, DNS/WINS, Microsoft Clustering, SRDF-CE Clustering, AvocentDSView, PGP Encryption, McAfee Anti Virus & RSA Token Authentication.

Specific responsibilities include the planning, installation and administration of hardware and software solutions to appropriate standards, provision of system deployment/ monitoring solutions, fault diagnosis, capacity planning, and disaster recovery.

Working collaboratively with other IT colleagues, and support the IT Team Leader to deliver results and identify ways to improve performance and effectiveness.  
Ensure the maintenance of all applicable standards, methods and tools.

Management and performance monitoring of third party suppliers.  
Capacity planning and performance monitoring of the Microsoft Server Infrastructure.

**Job Title:** Technical Analyst - Desktop and Application

**Location:** Newcastle upon Tyne, Tyne & Wear, ENG

**Dates Worked:** September 2004 - April 2006

**Company Name:** Northern Rock PLC

**Job Type:** Full Time

**Details:**

Provide management of the corporate desktop estate (PCs, laptops, printers and software).   
Planning and installation of hardware and software to appropriate standards.  
Fault diagnosis, image management and provision of disaster recovery.  
  
Working collaboratively with other IT colleagues, and support the IT Team Leader/IT Assistant Team Leader to deliver results and identify ways to improve performance and effectiveness.  
Ensure the maintenance of all applicable standards, methods and tools.  
Provide technical desktop resource for corporate IT projects.  
Provide third line IT support.   
Implement/Upgrade desktop applications.  
Investigate business requirements.  
Produce and analyse regular MI pertaining to the systems supported  
Resolve internal/external customer issues

**Job Title:** Technical Analyst

**Location:** Newcastle upon Tyne, Tyne & Wear, ENG

**Dates Worked:** September 2003 - September 2004

**Company Name:** Northern Rock PLC

**Job Type:** Permanent

**Details:**

Provide third line support for business and technical applications and systems, including in depth analysis of desktop operating systems and applications. Work within an ITIL framework to provide support within SLA’s. Manage and develop processes for user resource and application provisioning. Monitor and proactively maintain user environments on an enterprise level.

General or site-specific modifications, by updating system documentation, by manipulating data, or by defining enhancements - often in close collaboration with the systems' developers.

**Education**

**Institution:** University of Northumbria at Newcastle

**Location:** Newcastle upon Tyne, Tyne & Wear, ENG

**Years:** 2001 - 2003

**Degree:** HND

**Grade:** Distinction

**Other Qualifications**

**Title of Qualification:** Microsoft Certified Cloud Solution Architect

**Title of Qualification:** AWS Certified Solution Architect Professional

**Title of Qualification:** AWS Certified Solution Architect Associate

**Title of Qualification:** Citrix Certified Administrator (CCA) XenDesktop 5

**Title of Qualification:** Citrix Certified Administrator (CCA) XenServer 6.0

**Title of Qualification:** Citrix Certified Administrator (CCA) XenApp 6.5

**Title of Qualification:** Citrix Certified Administrator (CCA) NetScaler 9

**Title of Qualification:** Citrix Certified Administrator (CCA) Presentation Server 4.0

**Title of Qualification:** Citrix Certified Administrator (CCA) Presentation Server 4.5 and XenApp 5.0

**Title of Qualification:** ITIL Foundation

**Title of Qualification:** Microsoft Certified Desktop Support Technician

**Title of Qualification:** Microsoft Certified Systems Administrator

**Title of Qualification:** MCTS Windows 7 Configuration

**Title of Qualification:** Microsoft Certified Technology Specialist ﴾MCTS﴿ Windows Server® 2008 R2, Server

Virtualization

**Title of Qualification:** MCTS 2008 Active Directory Configuration

**Details:**

MCITP Microsoft Certified IT Professional

**Title of Qualification:** MCTS 2008 Network Infrastructure Configuration

**Details:**

MCITP Microsoft Certified IT Professional

**Title of Qualification:** Microsoft Certified IT Professional Server 2008

**Details:**

MCITP Windows Server 2008

**Languages**

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| --- | --- |
| **Language** | **Proficiency** |
| English | Primary |

**References**

*References available upon request*