## **Curriculum Vitae**

**Name:** Amar Landa  
 **Job Type:** Contractor  
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 **Email:** AL@AmarLanda.com  
 **Location:** London, UK

***Profile***

I am currently employed as a Cloud Architect / Developer and as well as previously being a Subject Matter expert in the areas of VMware and other on premise cloud Technologies. I am proficient in automation and cloud technologies. I have over eight years of experience scripting and tooling.

I have designed and implemented fully autonomous app-centric enterprise level topologies, whether that be an on-premise data centre, a cloud provider or cloud abstraction layer.

I have experience in both an architectural capacity and an engineering capacity, (capturing requirements, developing solutions and documenting architectures) and hands on experience: this allows me to be flexible to understand customer requirements and also deliver the solutions as required.

**DevOps developer Experience 5 years +**Docker, Kubernetes, Terraform/Cloud Formation Git, Puppet, Ansible, DSC, PowerShell, Jenkins, Nexus, Artifactory Octopus, AWS, Azure, VSTS, TFS, Datadog, Splunk, Prometheus, cloud Watch, JIRA and Confluence.

**PAAS Experience 1 years +**Pivotal Cloud Foundry , Ops manager OpsMetrics, BOSH director,

**AWS experience 5 years +**Compute (ECS, EC2, ECS, Lambda, SSM)   
Application Services (Cloudfront, API Gateway, ELB, Kinesis, SQS, SNS, SWF)   
Storage (S3, RDS, other DB products)   
Networking (VPC, private links, WAF, ENI, EIP, subnets, AZ, routing tables, NAT & Inet Gateways)   
Security/Auth/Auditing (IAM, CloudTrail)   
Monitoring (CloudWatch) Policies (IAM)

**Azure 2 years+**

Azure Firewall, VPN Gateway, Virtual Network

Azure DNS, Traffic Manager, Load Balancer, Application Gateway

Azure Backup

Web Servers, APIs, Proxies, Caching and CDNs

Azure Resource Manager, Monitor, Alerts, Security Centre,

Monitoring solutions, Azure Monitor, Alerts, Prometheus and Datadog

Azure SQL, MS SQL Server, NoSQL

ARM/JSON templates.

**Architecture**

Our client is a Multi-national corporation who have built a team to head up a Global Transformation of their core infrastructure and processes.

We have an urgent requirement for an Enterprise Architect with large scale IDAM/O365 Programme experience to be the Technical and strategic lead in the delivery of a large IDAM project as part of this Global IT transformation.

You will need to show a large amount of experience of working in a truly global role, as this role will ultimately assist in the migration 250 ADs into 1

Reporting directly to the Strategy and Architechture Director you role will be to provide senior technical leadership in all things IDAM, developing the strategy around cost reduction and reliability

To be considered you will need the following technical experience:

Knowledge and experience of implementing identity architecture and technologies including some or all of the following:

Microsoft Identity Manager (MIM)

Microsoft Azure AD

LDAP

Active Directory

OKTA

Good understanding of applying TOGAF

Experience of Identity Architecture providing direction on Mergers, Acquisitions and Divestitures

Good understanding of IT Outsourcing

finance, RFP etc.

security principles such as HBAC/RBAC/PAM/MFA

Strong experience in Integration Architecture and familiar with Object-Oriented/Service Oriented Architecture (SOA) concepts and principals

**VMware Architecture/SME/TPS Experience 8 years +**VMware vCloud Director, VMware NSX, vSAN, vRealize Orchestra 6-7, vRealize Automation 6-7, Horizon View 5-6, vRealize Operations Manager 6.x  
VCO, VDR, VDP, VDPA (VMware’s Back up solution), Site recovery manager, GSX, ESX, ESXi 3.5-6.5

***Previous Employment***

*Date Worked:* **October 2018 – present**

*Position*: Architect 30% -70% hands on – **Dynamic Platform Lead**

*Organisation:* **HSBC**

*Job Type:* **Contract**

*Job Location*: **London**

Architecting and implementing global web platform for hundreds of domains with a completely global infrastructure on AWS.

Deploying Kubernetes (EKS) into air-gapped hybrid enterprise environments.

Utilised helm charts to deploy a mesh pod network between two K8s clusters.

Mentored developers in K8s design and custom application implementation.

Generalised and modularised Terraform and Ansible monolith code bases. So that teams would not be duplication code or patterns and that each module could now be reusable and sharable across team or function.

Rewrote codebase and abstracted the need for EC2 instances by using Docker stacks and ansible.

Code was being deployed from laptops, so I built all the Jenkins pipeline jobs using Groovy and multi stage Docker builds and SonarQube for Static Analysis and then pushed the results to Datadog and Blue Ocean.

*Date Worked:* **May 2018 – August 2018**

*Position*: Engineer – **Cloud DevOps Lead**

*Organisation:* **PlayStation –** Sony Interactive Entertainment LLC (SIE),

*Job Type:* **Contract**

*Job Location*: **London**

Role: building and maintaining the business intelligence and analytics platform in the cloud.

Complex AWS Architecture.

Tech – AWS, Terraform, Ansible, Docker, Kubernetes, Jenkins, Splunk

*Date Worked:* **March 2018 – May 2018**

*Position*: Architect (hands on) - **DevOps Architect**

*Organisation:* **Accenture – Government SC**

*Job Type:* **Contract**

*Job Location*: **London**

Greenfield end-to-end solution for a potential day one user base of 3million. Cloud-based solution comprising of a microservice base / service oriented architecture.

Complex AWS Architecture.

Tech – Linux - Ansible, Kubernetes

Windows – DSC, Docker

Performance & security

Soasta, App dynamics, AlienVault, Splunk

*Date Worked:* **September 2017 – Present**

*Position*: Engineer - **Windows/VMware and DevOps Specialist**

*Organisation:* **Financial Times**

*Job Type:* **Contract**

*Job Location*: **London**

Automated cloud environment Azure/AWS by migrating from the on-premise VMware 6.5 estate.

Technologies used

-VMware

-AWS

-Azure

-Office 365

- Kubernetes, Python, Ansible, cloud formation, vault.

- Docker, VSTS, TFS, TFC, Octopus Deploy, DSC, PowerShell.

- Rest, JSON YAML.

*Date Worked:* **September 2016 – June 2017** (9 Months)

*Position*: Engineer - **Lead Data Platforms Cloud Developer**

*Organisation:* **HSBC**

*Job Type:* **Contract**

Architecture and Developing on HSBC’s Hybrid App-centric cloud environments;

Lead architect and developer for server configuration management on **Windows** using **PowerShell, Octopus Deploy** and **DSC.**

Used **PAAS** technologies such as **Pivotal Cloud Foundry** to deploy a multi-hybrid environment leveraging a zero-trust model. Also Used Ops manager and BOSH director to maintain the environment.

Development of additional services to **PCF** (monitoring addons, reporting from cloud controller API, etc).

Running a **Puppet Enterprise Master** and **Ansible** Architecture, by grouping like for like infrastructure via their role and profile using custom trusted facts to make sure the classes and modules apply in the correct order to keep the nodes in their desired state.

Automated deployments using **AWS\Azure CLi\ Restful APIs\Azure Run books**\ **CloudFormation,** Migrated key systems from on-premises hosting to **Amazon Web Services.** Capacity planning, Bottleneck identification on auto-scaling website platform with a huge throughput. Monitored via **CloudWatch** and access managed bydirectory service, IAM, Key management store and SSO.

Extended the functionality **of VMware vRealize Automation** by using its SDK, REST and SOAP API to produce complex YAML based Blueprints. And used **VMware vRealize Orchestrator** and the converged blue print designer to produce *anything as a service* (**XaaS**).

Developing scripts for build, deployment, maintenance and related tasks using **Jenkins, Docker, Octopus Deploy, Python and Bash**

Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools

Managed a team of 6 off-shore DevOps.

Managed a team of 6 on-shore DBAs, running Database technologies such as **MySQL, NO-SQL, Oracle, MS SQL Server.**

*Date Worked:* Jan 2014 – Feb 2016(**25 Months**)

*Position*: **VMware and AWS SME** for ***Technical Design and Delivery, Core Technologies and Tax Technology* Group**

**VMware SME** for ***Core Technologies Engineer***

*Organisation:* **KPMG LLP UK**

*Job Type:* **Contract**

*Job Location*: **London**

* Lead designer and engineer on KPMG’s Largest account McLaren, designing and deploying their toolset for global **AWS PAAS** platform.
* Designing, implementing and supporting fully automated Continuous Integration and Continuous Delivery processes. Working with and supporting multiple World-wide development teams delivering a wide range of software applications. While Automating the build, deployment and testing of Front End, Middleware and Database components
* Migrated Hyper-V Servers to a newly created Multi-tenanted **VMware** **vCloud Director** DaSS**,** **VMware NSX Micro**-segmented environment with **VMware Orchestrator** and **VMware VSAN**. Automated provision of virtualised networks. Leveraging VMware’s guest introspection services security polices and service composer, L2-L3 Switching, universal/local logical Routing, a fully distributed microsegment firewall, Load balancers and other L3 networking protocols such as VLAN/ VXLAN, WLAN.
* Designed and built a fully clustered, highly available, externally facing **VMware vRealize Automation 7** IAAS platform. using the vRA SDK, REST and SOAP API calls to produce YAML Blueprints via an SVN and the converged blue print designer.
* Architected and implemented new **VMware Horizon View** 6.3 environment over a global Active-Active data centre topology, utilising EMC SAN Replication technology, F5 Big-IP GTMs and LTMs, for KPMG’s global services, 2000 seats.
* Used **VMware vRealize Operations Manager** 6.x-7 (vROPs) For capacity planning and alert monitoring for storage, network, operating systems, applications.
* Designed and Setup and implemented **EMC** Commvault and DataDomain device and multi-PB scale multi node **NAS** architecture and various **Netapp** filers.
* Designed and Extended Server and compute Fabric using **ProLiant’s blade** and **enclosures** infrastructure c7000 & c9000k, **UCS** and **Vblock** converged infrastructure from a wiring, storage and networking prospective.
* Lead and designed **MS PKI** for new additional “APPs” and “Users” AD forests, **TPAM** & **Dell One** for cross forest authentication without a stub zone, obfuscation of AD objects and self-service password retrieval. Also worked on **IAM AWS SSO** and **SAML** for hybrid cloud topology.
* Activity supporting, improving and updating a custom modular coding platform providing automation within a complex environment, written in **PowerShell, XML and .NET**

*Date Worked:* **April 2013 – Dec 2013** (8 Months)

*Position:* **VMware Virtualisation Engineer/3rd line support**

*Organisation:* **Northgate IS** (Capita)

*Job Type:* **Contract**

*Job Location*: **London**

* Lead to completion project on VMware, implementing Virtual Desktop infrastructure [VDI] 1000 + desktops. While supporting and upgrading 400+ servers on their respective VMware, Citrix and windows platforms.
* Maintained and supported the AWS environment
* Keeping the project inside of its allocated time by proactively dealing with VMware, Citrix, Linux, Exchange, ISA, AD/DNS/DHCP Windows servers and storage based solutions.
* Maintained and achieved PSN Security - Extensive Security hardening after Penetration testing, port blocking, full disk encryption, PVLANs, file encryption, Email signing, Web proxy & filter, Email filter, HTPPS and SSL redirection, RSA & dual factor authentication, VMware hardening and more.
* Administrated across multiple vendor platforms through remote management access CLI utilities.
* Heavily used PowerCLI (VMware PowerShell API), Quest and Netapp PowerShell APIs v2/v3 WMIC, and GPOs.
* Simplified and Administrated complex backup routines and complex Anti-virus topologies.

*Date Worked:* **2009 April – April 2013** (4 Years)

*Position:* **VMware Engineer /infrastructure Engineer**

*Organisation:* **Epic IT**

*Job Type*: **Permanent**

*Job Location*: **London**

* Designing, building and supporting Windows server 2003, 2008, 2008 R2 sbs2011 to meet differing client requirements
* Responsible for large international companies
* Used VMware ESX to virtualise many servers, and ensured high availability and also efficient usage of LUNs, RDMs, NFS Shares and iSCSI Targets within the VMware and Storage Area Network (SAN)
* Used SANs Such as Dell, HP and Netapp to provide a hierarchical storage system, permitting high speed and high availability
* Using Login Scripts, GPO VBS and batch files to automate day to day IT tasks.
* Responsible for the Netback up/Local Backup and Disaster Recovery plans

***Academic Achievements and Attributes***

*VMware Certified Professional VCP6 - Completed*

*VMware Certified Professional VCP 5.1 - Certified*

*VMware Certified Advanced Professional VCAP5.1 - DCA - Completed*

*Sept 2003 - July 2005*

*Hertford Regional College, Ware, SG12 9JF*

BTEC National Software Development Merit - Merit

*Sept 1998 - Jul 2003*

*Enfield Grammar Upper School, Secondary School, London, EN2 6L*

*GCSE Level;* Maths – B; Science – B; Science (Double Award) – BB; English- C; IT- A

Languages

Regular Expressions

Visual Basic .NET, PowerShell v1-v4, VBScript, Active Directory Service Interfaces (ADSI), Common Information Model (CIM), PowerShell Web Access(PWSA), Desired State Configuration (DSC), Lightweight Directory Access Protocol (LDAP), Structured Query Language (SQL), Windows Management Instrumentation(WMI), Extensible Markup Language (XML)

Skills

VMware vSphere 2.5-.6.1, VMware View Horizon 5 – 6.2 (vWorkspace and profile unity), VMware Data Recovery, VCB, VDP, VDR, VMware Site Recovery Manager (SRM), P2V, V2V and V2P, Windows Server 2003 – 2012 R2, Exchange Server 2003 – 2010, PKI, WSUS, DNS, DFS, WINS, DHCP, GPOs, TS/RDS, Active Directory, Terminal Services, Remote Desktop Services, VMware VSAN, Windows Clustering, Quest, VMware NSX 6-6.2 Network Virtualization, VMware vRealize Operations, VMware vRealize Orchestrator, VMware vRealize Automation, Citrix, Linux, IIS, AWS, VMware vCloud Air, SCCM, SCOM, HP 3Par / EVA, EMC VNX/DMAX, Netapp Ontap