## **Curriculum Vitae**

**Name:** Amar Landa **Job Type:** Contractor **Number:** 07771 74 7777 **Email:** AL@AmarLanda.com  
 **Location:** London, UK

***Profile***

As a **VMware Architect,** a **DevOps delevloper** and a **PAAS developer**, on premise IT just doesn’t keep pace with agile concepts. In order to stay competitive within the FIN-TECH space adoption of PAAS/IAAS concepts and cultures are a necessity.

Getting to market first whilst appeasing regulatory, governance and security standards gives a competitive edge.

With the aid of DevOps and code-based tooling the compliance and security standards can be applied at build time.

PAAS (**serverless architecture**) cloud technologies which allows developers to build applications in a more modulated fashion, an application that can be scaled by each independent microservices.

The location and choice of hosting Google, AWS, Azure, on premise is just not a relevant question anymore aside from latency. As the underlying technology is completely obfuscated.

IAAS, self service concepts and cross-platform code based tools for **server based architecture** compliments more traditional IT concepts. However if the company can adopt the ethos of automated infrastructure by using automated workflows and automated testing , this will continuously measure application performance..

Then cloud based architecture and technologies can benefit the company

**DevOps developer Experience 3 years +**Git, Github, Puppet, Ansiblie, DSC, Powershell, Jenkins, AWS, JIRA and Confluence.

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

**VMware Architecture/SME/TPS Experience 4 years +**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:* **September 2016 - Present** (9 Months)

*Position*: **Data Platforms Cloud Architect /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 Core using PowerShell** 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.

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 CLi/ Restful APIs/ **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 by** directory service, IAM, Key management store and SSO.

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

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).

Managed a team of 6 off-shore DevOps.

Managed a team of 6 on-shore DBAs.

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

*Position*: **VMware SME / Core Technologies Project Delivery Specialist**

*Organisation:* **KPMG LLP UK**

*Job Type:* **Contract**

* Migrated Hyper-V Servers to a newly created **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
* Designed and built a fully clustered, highly available, externally facing **VMware vRealize Automation 7** (vRA) 8-node instance. Leveraging the vRA SDK, REST and SOAP API calls to produce YAML Blueprints via an SVN and the converged blue print designer.
* Using an anything as a service (XaaS) ethos created views for the various business stakeholders by restricting functionality and applying . Integrated the platform to various other COTS platforms vRA Plugins for SQL and ServiceNow.
* Used **VMware vRealize Orchestra 7** Elicited functions for various stake holders to simplify complex IT Tasks into their respective smaller sub-tasks.
* Used PowerShell and JavaScript/JSON files to register the vRO workflows, tasks and event triggers and embedded to populate the elements inside the workflows.
* Used PowerShell/ VRO plugins Mail, CMDB, AD, SQL, ESXI Hosts (auto deploy) to talk to the respective subsystems.
* Used **VMware vRealize Operations Manager** 6.x-7 (vROPs) For capacity planning and alert monitoring for storage, network, operating systems, applications.
* Designed, built and implemented a new **VMware Horizon View** 6.0 environment over a global Active-Active data centre topology, utilising EMC SAN Replication technology, F5 Big-IP Load balancers, for KPMG’s global services, 2000 users
* Lead designer and engineer on KPMG’s Largest account McLaren, designing and deploying their toolset for global AWS platforms
* Reviewing and implementing complex n-tier clustered applications across KPMG’s heterogeneous Active directories Forest, spanning KPMG’s private and public AWS clouds
* Produced various statement of works, HLDs and LLDs that allowed my peers and the change committee to review and sign off the initial requirements gathered from the various stakeholders while maintaining governance and compliance.
* Presented the newly created virtual environment to the change committee and various teams for testing, knowledge transfer, support model and documentation acceptance
* Lead designer and engineer on KPMG’s Largest account McLaren, designing and deploying their toolset for global AWS platforms
* 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
* Automating the build, deployment and testing of Front End, Middleware and Database components

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

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

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

*Job Type:* **Contract**

* 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 much 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**

* 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