## **Curriculum Vitae**

**Name:** Amar Landa **Job Type:** Contractor **Number:** 07776 71 7777 **Email:** AL@AmarLanda.com  
 **Location:** London, UK

***Profile***

As a VMware architect/SME/TPS and as Cloud Developer, I am proficient in automation and cloud technologies, such as platforms vRO/vRA and Puppet. I have over eight years of experience scripting and tooling using REST, JASON, YAML, Bash, PowerShell, XML, SQL, WMI and Directory Services.

I have designed and implemented fully autonomous enterprise level topologies, leveraging VMware technologies and other various cloud technologies. I am a motivated self-starter who thrives on a challenge and problem solving.

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.

***Previous Employment***

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

*Position*: **Data Platforms Developer**

*Organisation:* **HSBC**

*Job Type:* **Contract**

Architecture and Developing on HSBC’s Hybrid AWS cloud environments using tools such as Git, Ansible, Puppet vRA and vRO

* Extended the functionality of vRA by using its SDK, REST and SOAP API calls to produce complex YAML based Blueprints via vRO and the converged blue print designer.
* Using an anything as a service (XaaS) ethos to extend vRA functions through vRO to leverage systems like Ansible and Puppet
* Running a Puppet Enterprise Master Architecture to support thousands of nodes to keep them an automatically configured, built and in a remediated state. Grouping like for like infrastructure via their role and profile by using custom and trusted facts to make sure the classes and modules apply in the correct order to keep the nodes compliant and in their desired state.
* Used VMware vRealize Orchestrator 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 virtual machine states to execute vRO workflows.
* Used PowerShell/ VRO plugins Mail, CMDB, AD, SQL, ESXI Hosts (auto deploy) to talk to the respective subsystems.

*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
* Activity supporting, improving and updating a custom modular coding platform providing automation within a complex environment, written in PowerShell, XML and .NET
* Reviewing and implementing complex n-tier clustered applications across KPMG’s heterogeneous Active directories Forest, spanning KPMG’s private and public AWS clouds
* Collaborated with the various stakeholders to elicit information whether it be from a series of workshops or formalised functional requirements, normalising the requirements and turning them in to technology specific rules and knowing which technology stack to utilise to leverage the various constraints
* 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

*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