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**Alvin Vassoodaven**

**Professional Summary**

An accomplished engineer with over 10 years of hands-on industry expertise in varied state of the art cloud and technology platforms blended with business acumen and technology leadership in enabling an autonomous cloud ready, data centric organisation leveraging wide range of Cloud (specialising Google Cloud Platform), Terraform, Jenkins, Linux, Vagrant, Ansible, GoCd, Nagios,GitHub and other open source tools. Technical expertise in challenging and cutting-edge technologies on a variety of platforms, and cloud security enablement. A strong team building and Leadership skills. Experienced in Agile methodologies, devops and site reliability engineering.

**Key Highlights**

* Cloud infrastructure and DevOps engineer
* On boarding applications and projects (Acquiring and writing technical documentations).
* Technical operations/DevOps
* Server, firewall and dns configuration for applications.
* Advising software developers in regards to network, active directory, permissions and troubleshooting various servers (SQL, IIS) related to their software development.
* Advising and enforcing IT security policies and procedures.
* Setting up servers for various software developing environment (Development, Staging, QA) for software developers
* 3rd line Helpdesk manager, acting as an escalation point and making critical decision based on SLAs.
* On-site engineer, resolving issues and advising clients on hardware usage and other systems, to help improve their business according to their needs.
* Office 365 setup, administration, migration and training
* To liaise with 3rd party companies e.g.: ISP, Software providers etc. to help resolve critical business issues and to set up hosted production environment.
* Producing IT procedures and policies, technical documentation, including process documentation.
* Managing suppliers’ contract.

**SKILLS:**

* Google Cloud Platform and Cloud security
* Dev-Ops and CI-CD – GCP Inspec, Ansible, Terraform, Jenkins, Azure services
* AWS: VPC, NACL, S3, ASG, SG
* Ansible 2.2, 2.3.4 on Centos 7
* Office 365 Migration and Administration.
* Administering and configuring Firewall and Network Switching
* Installing and administering Hyper-V, VMware
* Strong Powershell and DSC scripting (Exchange, O365, Azure, Scripting)
* Strong troubleshooting and technical abilities from 1st to 3rd line support.
* Broad experience in past and current versions of Symantec/Veritas Backup Exec as well as Acronis Backup products.
* Planning and managing Desktop and email migration

**PROFESSIONAL ACCREDITATION:**

* Google Cloud Certified professional cloud security engineer
* Google Cloud Certified Professional Cloud Architect
* AWS Certified Solutions Architect - Associate
* Microsoft I**mplementing Microsoft Azure Infrastructure Solutions**
* Prince2 Practitioner
* Microsoft Certified Professional
* Microsoft® Certified Technology Specialist: Windows 7, Configuration
* Microsoft Certified Desktop Technician

**LANGUAGE**

* Fluent in English and French

**EDUCATION**

* B. Eng. (Hons) Electrical & Electronic Engineering
* Registered with BCS, The Chartered Institute for IT

**CAREER HISTORY**

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| **Company Name:** Natwest Markets, UK  **Job Title:** Google Cloud Architect – Dev-Ops  **Dates:** July 2019 - ongoing  **Sector:** Investment Banking   * **Producing HLDs and LLDs, for the implementation of Dataproc, Cloud SQL for projects** * **Providing patterns and guidance for the implementation of Private Google Access, VPC-SC, to mitigate data exfiltration** * **Creating GCP Inspec controls, for integration testing and auditing.** |
| **Company Name: HSBC, UK**  **Job Title:** Google Cloud Engineer – Dev-Ops **Dates:** May 2017 – July 2019  **Sector: Global Leading Banking and Financial Institituion**  Engaged as a core team member of the Cloud Adoption team, HSBC and acts as the GCP central team for the whole bank and as such is responsible for Implementing and configuring Google Cloud Platform (GCP) core services for Big data projects across the bank:   * Engineering of GCP shared services (VPC network, On-prem network connection, DNS) * Administering of Cloud Identity * Implementation of various securities services and policies * Security and compliance enforcement * On-boarding process for GCP projects * Providing patterns/solutions to project teams * Providing best practices for GCP * Providing roadmap for project to go live * Providing critical support for GCP shared services * **Helping GCP adoption journeys across the bank including all aspects of GCP architecting and engineering (IAM, Network, apis, On-boarding Process, Authentication, Security, etc…)** * **Responsible for implementing IAM only policy for GCS and BigQuery cmek across all projects.** * **Installation and configuration of Automation tools: Jenkins, Ansible, Terraform and creating pipelines for CI/CD for both windows and Linux servers** * **Configuring immutable image for automation of both NTP, DNS forwarders and Squid proxy (Rhel7/CentOs7 OS based)** * **Writing playbooks for automation of core services, using Ansible and Terraform** * **Designing automation pipeline of Windows image and while using DSC/Powershell script.** * **Implementation GCP firewall rules/network tags for projects to be able to communicate with core services** * **Collaborating and advising Tableau team on the solution design of GCP Tableau server solution and automation of Tableau server installation** * **Powershell script for backing up Tableau server** * **Configuring GCP VPN tunnel and routing.** * **Conduct scrum meetings, during absence of pmo** * **Onboarding and collaborating with use cases on all aspects of GCP solution design, to enable them to go live** * **Responsible for training and onboarding of new team members** |

**Technologies**: Google Cloud Platform, Centos 6/7, RHEL7, Ansible 2.3, Terraform, Jenkins, Github, Nexus, Unbound, ntpd, Squid, Tableau Server 9.3/10, Windows Server 2008-2012 R2.

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| **Company Name:**  **S&P Global (Platts)**  **Job Title:**  **Devops/WinOps** | **Dates:**  Aug 2016 – Feb 2017  **Software, Application, Operating System:**  Tableau Server 9.3/10  Centos 6/7, AWS  Ansible 2.2, YAML  Nagios, Naemon  GoCD, SonarQube, SVN, Git, Nexus  Windows Server 2008-2012 R2.  SQL server 2008 R2 and 2012  Sharepoint 2013, JIRA, Version1 | **Sector:**  **Trade commodities market Intelligence** |
| **Key Projects:**  **Tableau Server Projects:**   * Installation and configuration of Tableau 9.3, for an internal metric platform, created Dev, QA, DR and Prod environment. Configured the backup and restore to the DR environment using powershell scripting. * Implementing and documenting process for DR solution * Configured Tableau server to be backed up from EMEA to APAC (AWS hosted platform), using Powershell and AWS cli scripting to backup to AWS S3 storage * Deploying and configuring Nagios monitoring client to Tableau Servers.   **Continuous Integration and Configuration Management:**   * Installation and configuration of Centos 7 server for usage with Ansible and Active Directory using Kerberos token. * Powershell scripting to enable winRM, on windows environment, for Ansible usage. * Installation and configuration of Ansible 2.2 * Document the installation and configuration of Ansible 2.2 and playbooks * Deploying Nagios monitoring client to windows server environments using Ansible playbook (YAML format), modifying configuration and restarting servers/services if required. * Troubleshooting CI/CD software GoCD Server and agents for Dev, Staging and Prod.   Monitoring and analysing performance of Windows servers’ environment to formulate performance improvement.  On boarding applications from newly acquired companies (acquiring and writing technical documents). Updating technical documentation due to recent upgrades. | | |

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| **Company Name:**  Complete IT  **Job Title:**  Technical Consultant | **Dates:**  Apr 2016 – Aug 2016 | **Sector:**  Commercial, Charity, Education |
| **Software, Application, Operating System:**  Windows Server 2008-2012 R2.  SQL server 2008 R2 and 2012.  Exchange server 2010/2013/2016 and Exchange Online (Office 365)  Virtualisation: Hyper-V and VMware  Hardware: HP, Watchguard, Dell Sonicwall, Cisco Meraki  Migration Wiz, Datto Backup, Trend Micro, GFI, Cloud mail Security |  |
| * Consultative visits to regional clients’ sites to assess and address any service issues or plan for systems upgrades and changes * Documenting infrastructure changes and projects to handover to the helpdesk support, to facilitate transition. * Planning and managing server build, exchange migration to Office 365. * Design and Implement desktop migration/rollout windows 8.1/10 * Design and implement Cloud managed antivirus and cloud mail security. * Setting up virtual servers in existing Azure environment. * Design and implement disaster recovery solution * P2V conversion of servers and desktop * Documenting roadmaps to improve clients’ infrastructure and efficiency. * Decommissioned servers | | |
| **Company Name:**  Concentra Analytics, London Bridge | **Dates:**  Mar 2015 – Mar 2016 | **Sector:**  Data analytics/Business Intelligence for Finance, Banking, Healthcare, commercial and Pharmaceutical |
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| **Job Title:**  Infrastructure Engineer (Business Intelligence and Data Analytics) | **Software, Application, Operating System:**  Windows Server 2008-2012 R2.  SQL server 2008 R2 and 2012.  IIS Web server administration  SharePoint 2010 and 2013 administration  Exchange server 2013 and Exchange Online (Office 365)  Virtualisation: Hyper-V and VMware  Server hardware: Dell and HP  Juniper firewall, Backup and restore processes and applications  Storage Area Networks (SAN)  SQL, VB script and Powershell, Microsoft Azure, Amazon Web Services, SCCM 2012R2, Office 365,Office 2013, Lync 2013, GFI Max Monitoring Software, Tableau, Visual Studio, TFS, Teamcity | |

* Responsible for support of environments, and release implementation (deployment) of solutions to managed environments.
* Design and Implementation of Azure DirSync for O365 Hybrid Setup
* Design and Implementation azure environment for new analytics platform (VNet,VMs, Tableau Server) and creating templates
* Installation and configuration of ADFS for single sign-on for 3rd party software (eg:Salesforce) and for analytics platforms.
* Planning and implement Desktop Migration/Rollout (Windows 10/ Office 2013/Desktop refresh)
* Design and Implement Windows 8.1/10 laptops with Bitlocker encryption
* Installation and configuration of SCCM 2012R2
* Design and Implement online backup for laptop users, using GFI
* Design and implement Kaspersky Endpoint manager with reporting.
* Administering TFS servers and Teamcity
* Installation and configuration of Microsoft SQL servers
* Planning and documenting SSL renewals across numerous platforms.
* Global support for users that are based in Canada and consultants based in European countries
* Documenting procedures and policies, eg:
* DR testing
* New starter and leavers forms to ensure policies are adhered to.
* Data deletion procedure.
* Installation of software, Using VPN to access the network
* Liaising with suppliers and 3rd party services providers(Managing contracts, orders, billing)
* Building servers as per requirements, for development, QA and staging and training environment in a VMWare environment

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| **Company Name:**  Cooperative Systems, Vauxhall | **Dates:**  March 2012 – Mar 2015 | **Sector:**  Charity and commercial |
| **Job Title:**  Helpdesk 3rd line Engineer and Duty Manager after promotion within a year. | **Software, Application, Operating System:**  Exchange Server 2003/2007/2010/2013.  Windows Server 2008-2012 R2.  Exchange server 2013 and Exchange Online (Office 365)  TCP/IP including DHCP and DNS  Virtualisation: Hyper-V and VMware  Server hardware: Dell and HP  Watchguard and Sonicwall, Symantec Backup Exec  Acronis, VB script and Powershell, Microsoft Azure  Office 365, BES, Citrix XenApp | |

* Managing the helpdesk operation as well as acting as 3rd line support, in an ITIL framework environment.
* Planning and managing Office 365 migration.
* Installation and configuration of servers/VMs (File Server, Secondary DC, WDS, DHCP)
* Desktop Migration / Rollout (Windows 7 / Office 2010/2013/ desktop refresh)
* Planning and migrating FSMO roles to new domain controllers
* Design and Implement user group policy
* Design and implement WSUS
* Design & Implement Windows 7 Laptops with Bitlocker encryption
* Providing both nationwide and global support for charity organisations.
* Consultative visits to clients’ sites to assess and address any service issues, plan for systems upgrades
* Design and Implement backup systems.
* Installation and configuration of firewalls, switches and routers.

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| **Company Name:**  VITS (Virtual IT Solution),  Putney Bridge, London | **Dates:**  June 2011 – Feb 2012 | **Sector:**  **Healthcare** |
| **Role:** | **Software Developer** | |

* Implementing desktop refresh in NHS Primary Care Trusts including Network (LAN, Wi-Fi), AD Design and Configuration.

**Various Software Development and EUC Support roles:** 2004 –2011

**Other interests:**

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| Swimming | Hiking | Photography |
| Rugby | Mythology | Weight Training |