
CURRICULUM VITAE

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Summary:

A confident and reliable Cloud engineer with extensive practical experience of working with Cloud Network and resolving any support issues that raised. Possessing a proven ability to administer and control the operation, configuration and maintenance of Cloud Network, as well as having an eye for detail and able to multi-task under pressure. An excellent communicator can relate well with people at all levels and has the flexibility of working well as part of a team and on my own. Provides outstanding customer service and a strong ability to communicate technical concepts in a non-technical manner.

AREAS OF EXPERTISE:

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| Cloud Platform | Microsoft Azure, Amazon Web Services and Open Stack. |
| Virtualization | VMware Infrastructure 3, vSphere4 ,vSphere5, VMware View 4.5, 4.6 |
| DevOps Tools | Puppet, Chef, Ansible, terraform, Vagrant, Docker Packer and Kubernetes. |
| Scripting Languages | PERL, Ruby, Python, Shell Programming, Bash Script, Json. |
| Networking | Virtual Network, ExpressRoute, Load Balancer, DNS, VPN Gateway, Application Gateway |
| Identity & Access Management | Azure Active Directory, Azure Identity, Multi-Factor Authentication (MFA) |
| Operating Systems | Red Hat 5.x/6.x/7.x, CentOS 5.x/6.x/7.x,Ubuntu, Windows Servers 2003/2008R2/2012/R2/2016/Datacenter, Windows 7/8/10 & Mac OS X |
| Security Concepts | IDS/IPS, DDoS, Social engineering, ACL, Hashing, Encryption, Hardening, DRP/BCP, Cryptography & SSL |
| Backup & Restore | Veeam Backup Solutions for vSphere Environments, Commvault, Azure Recovery Vault. |

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| Database | SQL, MYSQL, Enterprise NoSQL, Cassandra. |
| Web/App Servers | Web Logic, Web Sphere, Apache Tomcat, JBOSS |
| Monitoring Tool | SCOM, Dyna Trace, Splunk. |
| Office and Developer Services | Visual Studio, Git, and Office 365 |

PROFESSIONAL EXPERIENCE:

Azure Devops Engineer, PwC, London, UK

Feb 2019 – Till Date

- Manage Windows and Linux servers in Azure
- Configure NSG groups in Azure
- Configuring Public and Private Load Balancers in Azure
- Managing Web Application firewalls in Azure
- ARM templates
- Support Azure Infrastructure end to end
- Manage Hybrid cloud
- Configure and manage Azure AD and AD connect
- Configure Azure Policies and Azure security center
- Creating and Adding Azure VMs to availability sets and zones
- Configure Site to Site VPN, Point to Site and ExpressRoute
- Migration of virtual Servers to Azure using Azure Site Recovery
- Configure VM backup using Azure recovery vault services
- Configuring Azure AD and integrate with on-premise Active Directory using Azure AD Connect
- Create and manage Azure SQL databases, WebApps and other PaaS services
- Monitor Azure services using OMS and Application Insights
- Deployment of Load Balancers, Virtual Machines and other resources using ARM, JSON and PowerShell templates

- Configuration and management of Azure Kubernetes Service
- Managing desired state of servers using Ansible and Terraform
- Secure pods using Kubernetes RBAC
- Create and deploy docker images
- GIT integration with Azure and configuration of CI/CD using Azure pipelines
- Good understanding of overall DevOps tools and culture

Azure Cloud Engineer, MITIE

March 2017- Feb 2019

- Working with multiple technical teams, architects, security officers, managers and business users, reviewed and documented workloads, system dependencies and business requirements.
- Manage and maintain Azure EA account.
- Create, manage and maintain Azure subscriptions.
- Manage access for users, groups, service principals, and managed identities using RBAC and the Azure portal.
- Create, adjust and modify ARM templates and Power shell Scripts.
- Azure Storage technologies (Azure SQL, Data Warehouse, Blob, etc)
- Designed and configured Azure Virtual Networks (VNETs), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing.
- Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNETs and subnets.
- Azure Alerts and monitoring configuration.
- Create and configure Runbooks for Auto scheduling and DSC. (Azure Automation)
- Exposed Virtual machines and cloud services in the VNETs to the Internet using Azure External Load Balancer, Application Gateway and NVA (Silver peak).
- Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNET.
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.

- Setup Azure Virtual Appliances to meet security requirements as software based appliance functions (firewall, WAN optimization and intrusion detections).
- Utilized NSGs for layer 4 Access Control List (ACLs) for incoming and outgoing packets.
- Used firewall appliance where requirements call for layer 7 security models.
- Designed User Defined Routes with custom route tables for specific cases to force tunneling to the Internet via on-premise network and control use of virtual appliances in the customer's Azure environment.
- Managed IP Forwarding for VMs and role instances acting as virtual appliances.

AWS Cloud Engineer, HCL Technology

Feb. 2015 – January 2017

- Built a **VPC**, established the site-to-site VPN connection between **Data Center** and **AWS**.
- Built **S3** buckets and managed policies for S3 buckets and used **S3 Bucket** and **Glacier** for storage and backup on AWS.
- Work with other teams to help develop the **Puppet** infrastructure to conform to various requirements including security and compliance of managed servers.
- Help with the creation of **dev** standards for **Puppet module development** including best practices for version control (git).
- Designing and implementing fully automated server build management, monitoring and deployment by using Technologies like **Puppet**.
- Perform troubleshooting and monitoring of the Linux server on AWS using **Zabbix** , **Nagios** and **Splunk** .
- Management and Administration of AWS Services **CLI** , **EC2** , **VPC** , **S3** , **ELB** , **Glacier** , **Route 53** , **Cloudtrail** , **IAM** , and Trusted Advisor services.
- Created automated pipelines in AWS **CodePipeline** to deploy **Docker** containers in AWS **ECS** using services like **CloudFormation** , **CodeBuild** , **CodeDeploy** , **S3** and **puppet** .
- Worked on **JIRA** for defect/issues logging & tracking and documented all my work using **CONFLUENCE**.
- Integrated services like **GitHub**, AWS **CodePipeline**, Jenkins and AWS Elastic Beanstalk to create a deployment pipeline.

- Good Experience in architecting and configuring secure cloud VPC using private and public networks through subnets in AWS.
- Amazon **IAM** service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of **AWS IAM**.
- Develop **push-button** automation for app teams for deployments in multiple environments like Dev, QA, and Production.
- Initiating alarms in **CloudWatch** service for monitoring the server's performance, **CPU Utilization**, disk usage etc. to take recommended actions for better performance.
- Configured AWS **Multi Factor Authentication** in **IAM** to implement 2-step authentication of user's access using Google Authenticator and AWS Virtual MFA.
- Included **security groups**, network **ACLs**, **Internet Gateways**, and **Elastic IP's** to ensure a safe area for organization in AWS public cloud.
- Writing **UNIX shell scripts** to automate the jobs and scheduling **cron** jobs for job automation using commands with Crontab.
- Wrote **Ansible** Playbooks with PythonSSH as the Wrapper to Manage Configurations of **AWS** Nodes and Test **Playbooks** on AWS instances using **Python** .Experience with **Puppet** to more easily manage enterprise **Puppet** deployments
- Design **AWS Cloud Formation** templates to create custom sized **VPC** , **subnets** , NAT to ensure successful deployment of Web applications and database templates
- Created scripts in **Python**, which integrated with Amazon **API** to control instance operations.
- Coordinate/assist developers with establishing and applying appropriate branching, labelling /naming conventions using **GIT** source control.

Systems/Network Engineer, HCL Technology

Jul. 2012 – Feb. 2015.

- Completed Hardware and Software builds for new server deployments, ensuring adherence to documented build procedures.
- Installed and maintained RJ45, CAT6 and/or optical fiber cables across the Data Center and various MDFs around the lot.
- Installed and maintained AC/DC power PDU's (Sentry- Server Tech) with Temperature & Humidity sensors, connections **Master/Slave**, configuring all the PDU's in the Sentry Management application.
- Assisted in the operation, and maintenance of electrical, mechanical, and HVAC equipment within the Data Center/Facility.

- Facilitated the growth of the IT Infrastructure Service support and participated in the development of its products and services.
- Audited changes for IP's, **Gateway**, **ports**, etc.
- Installed and administered UNIX, RedHat Linux and Windows NT servers.
- Install and Configure Linux with **Apache**, Oracle 8I and **PHP (LAMP Project)**.

Infrastructure Engineer, Equal Solutions Ltd.

July. 2011 – Jun. 2012

- Migration of SCCM 2012 to 2016 (1610, 1703 ver) CB (CAS-1, Primary Site - 12, Secondary - 25 & DP - 45 with 100000 Clients & 4000 Servers)
- Deployment of Office 365 pro plus for 60000 Users
- Migration of Windows 7, 8.1 on windows 10 OS.
- Windows In-tune integration with SCCM.
- Design documents.
- Solution design & implementation of SCCM infra for Operating system deployment.
- (OSD), Patching\Hardware & Software inventory \Software distribution \ License Management etc.
- Mac OS Management solution using JAMF Casper.
- Deployment of CSI tool with integration of SCCM 2012 for Third -Party Patch management.
- Technical SOPs & documents.
- Technical Lead for SCCM team.
- Vendor Management.

EDUCATIONAL PROFILE:

| Qualifications | Name of the Institution | Board/ University | Year of Passing |
|------------------------------|---|---|------------------------|
| Msc in Mobile Communications | University Of East London | University Of East London(U.K) | June2011 |
| B.Tech | Royal Institute Of Science And Technology | Jawaharlal Nehru Technological University (India) | June 2008 |
| Intermediate | St.Mary's Junior Collage | | Mar -2004 |

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| | | Board Of Intermediate Education(India) | |
| SSC | Roch Memorial High School | SSC(India) | Mar-2002 |

PERSONAL PROFILE:

Gender & Marital Status: Male & Married

Nationality: Indian

COMMUNICATION SKILLS:

Read : English, Hindi and Telugu.

Write : English, Hindi and Telugu.

Speak : English, Hindi, Urdu and Telugu.

References will be provided on request.
