Siddhartha Singh

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Professional Summary:

- Worked as **Sr. Cloud Operations Engineer** with **VMware** and having total experience of **9 years**.
- **Deployment and configuration** of **Software Defined DataCenter** with **ESXi/vCenter** and **Foreman**.
- **Deployment, Configuration and management** of VMware **vCloud Director**, **OpenStack** and **Amazon Web Services, Microsoft Azure.**
- **VMware NSX** and **Infoblox IPAM** used for **network management** and **configuration**.
- **VMware vSAN** and **Datastore** has been used for **storage management**.
- VMware **vRealize Operations Manager**, **vRealize LogInsight** and **Nagios** has been used for **log management, monitoring and analytics**.
- **vRealize Automation (vRA)** and **VMware Cloud Foundation (vCF)** have been used to deploy and run a **Hybrid Cloud**.
- **vRealize Orchestartion** and **Terraform** used for **Infrastructure-as-a-Service (IaaS) Automation**.
- **SDKs, REST API, CLI, PowerShell/Shell, Perl** and **Python** has been used for **scripting** and **Automation**.
- **Team Foundation Server** (**Azure DevOps Server**), **Git** and **Bitbucket** used for **version control**.
- Used **Jenkins** for **Continuous Integration** in Cloud environment.
- **Docker, Containers** and **Kubernetes** used for **Continuous Deployment.**
- **Ansible** used for **Configuration Management**.
- **Bugzilla**, **JIRA** and **Confluence tools** have been used for **bug reporting** and **documentation**.
- Worked on **SSIS, SSRS, SSAS (MSBI) SQL Server** and **C# .Net** for **ETL**, **analysis and reporting**.
- Participated in **development, designing, performance tuning, code review, problem diagnosis** and **bug reporting**.

Certifications:

- VMware Certified Professional 6 – Data Center Virtualization (**VCP6-DCV**)

- VMware Certified Professional 6 – Cloud Management and Automation (**VCP6-CMA**)

- VMware Certified Professional 6 – Network Virtualization **(VCP6-NV)**

- Microsoft Certified Technology Specialist: **SQL Server 2008**, Database Development.

Professional Experience:

- Worked as **Sr Cloud Operations Engineer** with **VMware Software India Pvt. Ltd.** from July 2014 to till now

  ### Role and Responsibilities:

  Being part of cloud operations team, my responsibilities are to **monitor and manage VMware OneCloud** environment. I have closely worked on native products for virtualization such as **vSphere, vCloud Director, AWS, OpenStack**, **Azure, NSX, vSphere Integrated Containers, VMware Cloud PKS (Kubernetes clusters)** and **vROps** to leverage our stakeholders with a solid, consolidated and fully managed Software-Defined-Data-Center

Stack.

Used **Python, PowerShell, Perl, JavaScript, REST APIs, vRO and Terraform** for **IaaS orchestration** and automation.

Ansible, Jenkins, Docker and **Container** has been used for **CI/CD** operations.

VMware vReazlie Automation (vRA) and **vCloud Foundation (vCF)** used for **Hybrid cloud management.**

Being the senior most engineer in the team, leading the team of 10 engineers.

Worked closely with **VMware Field contacts e.g. VMware Professional Consultants, VMware Technical Account Managers** and **Solution Engineers** while working towards a solution to a technical issue in VMware related products in production environment and for product demo to customers.

➢ Worked as **Software Consultant** in **Unisys Global Services India Pvt Ltd.** from Feb 2011 to June 2014.

Project: LBG Data Migration:

It was a Data Migration project. Lloyds Banking Group (LBG) is going through the major integration of the Lloyds TSB and HBOS businesses. Within the Mortgages area, LBG has selected UFSS as the mortgage servicing platform. There is a need to convert existing mortgage books onto UFSS. The largest of these books is on the Borrowers system, where the majority of the existing HBOS business is processed. Here the input data is in EBCDIC and ASCII form, SFM (source file manager) keeps looking for the input file, the whole transformation was supposed to be completed in a 4-6 hour window. We load this data into database and apply the business logic and generate the output file which is being again used in UFSS for further processing**.**

Role and Responsibilities:

Created and maintained database table scripts, views, cursor, triggers and stored procedures.

Created segment packages to load data from ASCII and EBCDIC files to database.

Developed and tested the workflows for data migration using Microsoft SQL Service Integration Services (SSIS and SSRS).

Performed unit testing and system testing.

Project: URBIS

URBIS is wholesale banking product provided by UNISYS which is used by many banks. URBIS runs on Unisys mainframes, Linux, Unix and Windows operating system.

Role and Responsibilities:

Enhancement and maintenance of banking application using **C#** and **MS SQL Server**.

Analyzed enhancement request and prepared UML diagrams.

Educational Qualification:

➢ **M.S. in Software System** from **BITS Pilani** at 2014.

- **B.Tech.** in **Information Technology** from Shri Ramswaroop Memorial College of Engineering and Management Lucknow, affiliated to U.P. Technical University Lucknow, in 2010.