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# **OBJECTIVE**

# Highly skilled and experienced Cloud Solution Architect with a proven track record of successfully designing and implementing scalable and reliable cloud-based solutions. Seeking a challenging position where I can utilize my technical expertise, leadership abilities, and strong problem-solving skills to help organizations optimize their cloud infrastructure and achieve their business objectives. **SKILLS**

**Cloud Platforms**: Amazon Web Services (AWS), Microsoft Azure , Alibaba Cloud , Huawei Cloud

**Cloud Architecture**: Designing scalable and highly available cloud solutions, cloud migration strategies, cloud security best practices

**Infrastructure as Code**: Terraform, CloudFormation

**Containerization**: Docker, Kubernetes

**DevOps Tools**: Jenkins, Git, Ansible

**Networking**: Virtual Private Cloud (VPC), Subnets, Load Balancing, DNS, VPN, Direct Connect

**Database** Technologies: Amazon RDS, Microsoft Azure SQL Database, Google Cloud SQL

**Monitoring and Logging**: CloudWatch, Azure Monitor, Stackdriver

**Scripting and Programming**: Python, PowerShell, Bash, JavaScript

# **EXPERIENCE**

* **Cloud Solution Architect | Senior Manager Projects & Engineering Sep-2022 to till now  
  Sky Deutschland Fernsehen GmbH & Co. KG Unterföhring, Germany**Collaborated with clients to understand their business requirements and goals and provided guidance on cloud adoption strategiesDesigned and implemented scalable, secure, and cost-effective cloud architectures based on best practices and industry standards.Conducted cloud assessments and developed migration plans to move on-premises infrastructure to the cloud.  
  Implemented infrastructure as code using Terraform and CloudFormation to automate the provisioning of cloud resources.  
  Worked closely with development and operations teams to establish CI/CD pipelines and automate deployment processes.  
  Optimized cloud environments for performance, cost, and scalability, leveraging auto-scaling, load balancing, and caching mechanisms.  
  Implemented robust security measures to protect cloud resources, including IAM roles, security groups, and encryption.  
  Collaborated with third-party vendors and managed service providers to integrate their solutions into cloud environments.
* **Cloud Solution Architect June-2019 to Aug-2022  
  IDEAL Broadcasting India Pvt. Ltd,Mumbai,India**

Work with operations and production to design workflows utilizing existing and new Network Device Interface equipment Gallery Sienna Processing Engine , Sienna Router , Sienna Cloud , BCNEXXT - VIPE Cloud Playout , Live video transmission via video encoder/decoder ( kiloview ) , Scanconvert

Works with external providers to resolve technical and workflow issues with provided equipment and systems

* **Cloud Architect Sep-2018 to June-2019  
  Freelancer**working as a freelancer for AWS /Azure stack /Vmware /Bluemix/softlayer cloud, Architect , planning .
* **Cloud Architect Mar-2018 to Aug-2018**Cognizant , Hamburg, GermanyResponsible for planning & creating Solution Architecture Document (as Infrastructure Architect) for left and shift on premises data center service in to amazon public cloud , migration of hardware and virtualized servers , Storage ,creating and configuring keybase server authentication via Bash, Python scripts , Networking , Data center services to cloud , creation of disaster recovery plan between cloud and on premises data center , implementation and planning of hybrid cloud infrastructure between on premises data center to cloud , helping DevOps team High level designing and making cloud platform ready to support Infrastructure as Code using Terraform , concourse CI , Bitbucket repository , Experience in handling Project’s and documentation tools JIRA , confluence
* **AWS Certified Solution Architect | L3 IT Specialist for Cloud** **Oct-2015 to Feb-2018**  
  IBM ,Brno,Czech Republic,Europe  
    
  Responsible for automating and improving infrastructure, using RES ONE Automation\Bluewisdom and IPSoft   
  Designed and wrote scripts in Powershell , shell , vbs ,batch to automate application and configurations.  
  Seamlessly transitioned AWS infrastructure from EC2-Classic to VPC, overhauled AWS accounts to follow the latest security best practices, reduce AWS costs by over 30%, and wrote documentation (as Infrastructure Architect) .  
  Responsible for migrating and manage own premises to AWS VPC server and service migration Responsibilities included designing and developing new back-end services, maintaining and expanding our AWS infrastructure, and providing mentorship to others on my team via AWS Identity and Access Management (IAM) ,  
  Provided continuous 24/7/365 primary on-call support for all server applications and systems.  
  Implementation \ Managing & maintained a Microsoft Azure Stack Hybrid cloud infra Manage by Microsoft System
* **Windows & Vmware Subject Matter Expert** **Apr-2014 to Oct-2015**  
   IBM,Gurgaon, India  
  Installation configuration and maintenance of VMware GSX , ESX & ESXi (as Infrastructure Architect) ,  
  Setup and configuration of vmware Infrastructure High Availability ( HA ) , *DRS* (*Distributed Resource Scheduler*)  
  Installation configuration and maintenance of Windows Servers in Enterprise Data Centers.  
  Automation via powershell , VBScript and batch scripting .  
  Server dump ( BSOD, PSOD ) analysis via WinDbg , DebugDiag , Notepad++ and operating system recovery .  
  configuration troubleshooting server hardware monitoring via IBM Director and HP systems insight manager (HP SIM)   
  providing support to IBM Sweden customers .
* **Senior Principal Infrastructure Engineer** **Jul-2011 to Mar-2014** MphasiS an HP Company,Pune ,India   
    
  handling incident Management , Change Management via BMC Remedy   
  working in virtual environment , updating , troubleshooting and migration via VMware VI Client ,  
  VMware server update \ patch management via VMware update manager,  
  Hardware server , virtual machine to VMware migration via VMware converter ,   
  HP Server hardware configuration and monitoring setup via HP systems insight manager (HP SIM)  
  providing Wintel \ VMware 3rd level support to HP UK/US customers
* **Windows IT Specialist 2nd Level** **Aug-2010 to Jun-2011**  
   IBM GSDC Brno Czech Republic, EuropeHandling clients tickets service request via BMC Remedy & Manage Now tools ,Microsoft Windows Servers Installation , configuration and troubleshooting worked on SAN, ISCSI & NFS storage system configure and manage server backup \ restore via IBM Tivoli TSM backup solution , Providing 99.3 % Application and domain controller reliability via Microsoft clustering
* **Windows IT Specialist 2nd Level Oct-2007 to Jul-2010**Manpower and Posted in IBM GSDC Brno Czech Republic , Europe  
    
  Configuration , Troubleshooting Windows Server Infra and providing support to SS0 Midrange Wintel services .
* **Information technology officer** **Jul-2006 to Aug-2007**  
  Jubilant, Noida ,India   
    
  Responsible for maintaining Microsoft windows Server infra   
  configuration , troubleshooting cisco routers and switch and voice infra ,   
  MX-140 , MX-180 Audio Codes ,Cisco 3600   
  Remote client deployment via RIS Service ( Symantec Norton Ghosts & Microsoft windows utility) ,  
  deployment & troubleshooting of thin client and server infra
* **MCSE & CCNA Faculty** **July-2005 to May-2006**  
  IACM, IIHT New Delhi, India  
    
  Responsible for taking classes ensuring the batches allotted to me are finished well in time and to the satisfaction of students , seminars any other assignment from time to time.

# **TECHNICAL CERTIFICATION:** Open Group Certified IT Architect (TOGAF 9)

# AWS Certified Solutions Architect –Professional

AWS Certified Solutions Architect – Associate

VMware Certified Associate – Cloud

VMware Certified Associate - Workforce Mobility

VMware Certified Associate - Data Center

IBM certified windows servers cluster solution for eServer xSeries

**TECHNICAL QUALIFICATIONS:**

MCSA/MCST 2003 and 2008 From IACM South Ex Part-1

Hardware & Networking Administration From Hardcure Global Infotech

Diploma in Computer Application (P.G Diploma from C.C Academy Alld U.P)

CCNA From CMS South Ext-1

Exchange server 2000

**Red Hat Certified Engineer Boot Camp course (RH303)**

Installing, Configuring Red Hat Enterprise Linux 5.5

Configuration of NNTP, SSH , HTTPD SERVERS

Linux Administration

**ACADEMIC QUALIFICATIONS :**

Bachelor of Arts (B.A) form Kanpur University, Kanpur, India

Intermediate (10+2) from P.S.T Inter College Allahabad , India

**PERSONAL INFORMATION:**

Father Name : R.B Singh

Marital Status : Married

Gender : Male

Language : English, Hindi

Date of Birth : 13 Oct 1985

Valid Passport : Yes