

Amitabh Singh
 Call me/IM: [Skype](#)
 E-MAIL: ami@amitabh.eu
 Website : www.amitabh.eu



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

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**
Sky Deutschland Fernsehen GmbH & Co. KG Unterföhring, Germany

Sep-2022 to till now

Collaborated with clients to understand their business requirements and goals and provided guidance on cloud adoption strategies
 Designed 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**
IDEAL Broadcasting India Pvt. Ltd, Mumbai, India

June-2019 to Aug-2022

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
 Payout , 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**
Freelancer

Sep-2018 to June-2019

working as a freelancer for AWS /Azure stack /Vmware /Bluemix/softlayer cloud, Architect , planning .



- **Cloud Architect**
Cognizant , Hamburg, Germany

Responsible 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

Mar-2018 to Aug-2018
- **AWS Certified Solution Architect | L3 IT Specialist for Cloud**
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

Oct-2015 to Feb-2018
- **Windows & Vmware Subject Matter Expert**
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 .

Apr-2014 to Oct-2015
- **Senior Principal Infrastructure Engineer**
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

Jul-2011 to Mar-2014
- **Windows IT Specialist 2nd Level**
IBM GSDC Brno Czech Republic, Europe

Handling 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

Aug-2010 to Jun-2011
- **Windows IT Specialist 2nd Level**
Manpower and Posted in IBM GSDC Brno Czech Republic , Europe

Configuration , Troubleshooting Windows Server Infra and providing support to SS0 Midrange Wintel services .

Oct-2007 to Jul-2010



- **Information technology officer**
Jubilant organosys, Noida ,India

Jul-2006 to Aug-2007

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**
Institute of Advance Computing & Management (www.iacm-india.com)

July-2005 to may-2006

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

