

## Amitabh Singh

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## OBJECTIVE

Looking for a growth-oriented position where my technical skills can be utilized and improved working in a leading and fast-growing Company.

## EXPERIENCE

- Cloud Solution Architect** **June-2019 to till now**  
**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 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** **Sep-2018 to June-2019**  
**Freelancer**  
  
working as a freelancer for AWS /Azure stack /Vmware /Bluemix/softlayer cloud, Architect , planning , implementation and integration of public to private cloud solution and service .
- Cloud Architect** **Mar-2018 to Aug-2018**  
**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
- 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. I also designed, built, and deployed a multitude applications utilizing almost all of the AWS stack (Including EC2, R53, S3, RDS ), focussing on high-availability, fault tolerance, and auto-scaling (CloudFormation). AWS Infrastructure setup for EC2 Web Server for dynamic web and S3 for static web content boosting website performance , traffic and viewers via deploying web content from CloudFront Implementation \ Managing & maintained a Microsoft Azure Stack Hybrid cloud infra Manage by Microsoft System Center ,creating and configuring keybase server authentication via Bash, Python scripting Virtual Machine Manager and hosted by Hyper-V host , Implementing and maintained Cloud infra hosted by open source technology such as OpenStack using QEMU single and multi-node cluster environment ,migration of hardware and virtualized servers , Storage , Networking , Data center service to cloud , creation of disaster recovery plan between cloud



- 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 (2008/2003/2000) 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

Microsoft Windows Servers: Servers configured in a Single Forest, Multiple Domain Structure configured. Windows server Patching via Lumension PATCHLINK  
Active directory: Single Forest having one domain having domain controller and additional domain controllers in Global Catalog Controller, RID Master, PDC and Infrastructure.  
Antivirus: Symantec Antivirus Corporate Edition.  
Backup: Veeam® Backup & Replication, Veritas Backup Exec  
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 3<sup>rd</sup> 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  
configuration and troubleshoot server monitoring IBM Tivoli endpoint and IBM Tivoli Monitoring (ITM)  
providing SS0 Midrange Wintel services for IMT SWISS customers.

**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 for IMT SWISS customers.

**Oct-2007 to Jul-2010**
  
- Information technology officer**  
Jubilant organosys, Noida, India

Responsible for maintaining Microsoft Windows XP/2003 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

**Jul-2006 to Aug-2007**
  
- MCSE & CCNA Faculty**  
Institute of Advance Computing & Management ([www.iacm-india.com](http://www.iacm-india.com))

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.

**July-2005 to May-2006**



## 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 Allid U.P)  
CCNA From CMS South Ext-1  
Exchange server 2000  
Red Hat Certified Engineer Boot Camp course (RH303)

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

Installing, Configuring Red Hat Enterprise Linux 5.5  
Configuration of NNTP, SSH , HTTPD SERVERS  
Linux Administration

## CCNA (MODULES OVERVIEW)

Static Routing (Summary,Default, Alternative, Load Sharing)  
Password Recovery ( Cisco 1900 , 2500, 2600, 1700, 2900 )  
Disaster Recovery Of Cisco IOS thru Xmodem & tftpdnld .  
Dynamic Routing ( RIP, IGRP, EIGRP, OSPF )  
Remotely Configuration of Router & Switches (Web , Telnet )  
Backup & Restore of IOS (Router & Switch) with TFTP ,FTP Utility  
Standard, Extended ,Named Access list  
Troubleshooting Router & Switch Problems

## DIPLOMA IN COMPUTER APPLICATION ( MODULES OVERVIEW )

Web deigning ( FrontPage )  
Microsoft Office (Microsoft word , Excel , PowerPoint )  
Database (M.S Access)  
Language (HTML , DHTML , Java Script , V.B 6.0)

## ACADEMIC QUALIFICATIONS :

Bachelor of Arts (B.A) form Kanpur University, Kanpur  
Intermediate (10+2) from P.S.T Inter College Allahabad

## PERSONAL INFORMATION:

Father Name : R.B Singh  
Marital Status : Married  
Gender : Male  
Language : English, Hindi  
Date of Birth : 13 Oct 1985  
Valid Passport : Yes

