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| **Basu Asthana**  Email-**Basuasthana02@gmail.com**  Contact: +91**9599949772** |  |

**Objective:**

To work with a team of motivated and dedicated people which will not only strive to fetch maximum goods to the company but also help me bring out the best in me and also where I would get to learn new things and improve myself.

**Having 6.6+Years of Experience in Cloud Computing, Devops.**

**AREAS OF EXPERTISE**

**Cloud Computing –**

**Amazon Web Services Solution Architect(AWS)**

* Knowledge on different cloud deployment models.
* Knowledge on different cloud service models.
* Knowledge on Amazon web services (AWS) different service's like –
* Experience in EC2 Container Service (ECS),Amazon Kubernetes Service (EKS)
* Experience in Elastic Container Registry (ECR)
* Experience in AWS Fargate
* Experience in AWS Import/Export Service
* Experience in AWS Snow Family
* Experience in AWS Compute service's(AWS EC2, AWS Lambda, AWS Elastic Beanstalk, AWS Experience in Elastic Load Balancer and Auto scaling).
* Experience in AWS Storage service's (AWS S3,AWS Cloud front, AWS EBS, Glacier, AWS Snowball, Storage gateway)
* Experience in AWS Database service's(RDS, Aurora, Dynamo DB, Elasticache, Redshift)
* Experience in AWS Networking Service's(Virtual Private Cloud (VPC),Direct Connect, Route 53)
* Experience in AWS Management Service's( Cloud Watch, Cloud Formation, Cloud Trail, CLI, OpsWork,Trust Adviser)
* Experience in AWS Security Services(IAM,KMS)
* Experience in AWS Application Service's (SES,SQS,SNS)

**Google Cloud Platform(GCP)**

## Experience in GCP App Engine, Compute engine

* Experience in Auto scaling, Load balancer, VMware Cloud on GCP
* Experience in Google Kubernetes Engine, Container Registry,
* Experience in Google Cloud Run, Google Cloud Functions
* Experience in Google Cloud Storage, Google Persistent Disks.
* Experience in Google Cloud Storage Nearline,Coldline , and Archive, Google Cloud File store.

**DEVOPS TOOLS-**

**Jenkins( Continues integration tool)-**

**I**nstallation of Jenkins on various flavors of Linux and windows.

Creating and Handling Jobs in Jenkins.

Knowledge on Creating CI/CD pipeline in Jenkins through different Tools.

Creating and manage user's accounts and permissions in Jenkins.

**Docker-**

* Knowledge on Architecture of Docker.
* Knowledge on creating Docker Images
* Knowledge on creating Docker Containers
* Knowledge on building and creating Docker file.
* Knowledge on creating Docker compose file
* **I**nstallation of Docker on various flavors of Linux and windows

**Configuration Management Tools-**

* Knowledge on setting up Ansible, puppet ,Chef.
* Installation of configuration management tools on Linux and windows.
* Adding Server's and various types of devices in Tools Inventory.
* Experience in managing more than 300 device Via configuration management Tools.

**Knowledge on Git and GitHub repository**

* Installation of G it and creating Repositories
* Managing GIT and GitHub

**Knowledge on Kubernetes-**

* Installation of Kubernetes
* Adding containers in Kubernetes.
* Managing number of containers in kubernetes
* Knowledge on Networking between Containers in kubernetes.

**Knowledge On Splunk, Nagios and Zabbix Monitoring tools-**

* Knowledge on Installation of Monitoring tools.
* Adding monitoring devices and interfaces in mentioned tools.
* Creating various alerts types in monitoring tools

**Knowledge On Terraform, Packer & Vagrant tools-**

**Various Features & Services:**

* TFTP and FTP Management
* Network Address Translation, Port Address Translation.
* Working experience on Windows & Linux environment.
* Experience in Design & implementation of Network & Security Architecture.
* Experience on prepare Network Diagrams on MS visio.
* Experience on Virtualization technologies eg. VMware etc.

**F5 BIG-IP Load Balancer & Security Devices**

* Hands on experience in creating Nodes,Pools & Pool members on F5 BIG-IP device.
* Hands on experience in configuring Profiles,Persistance Profile, One Connect, SNATon F5 BIG-IP device.
* Experience in configuring different types of Load Balancing methods both Static & Dynamic.

**Hardware Experience:-**

* ***Hardware :*** Assembling and troubleshooting of PC & Routers.

**Cisco -3750,7600,4510 Cisco - ASA,NEXUS 7000**

* ***Wireless Router :*** Link-sys, Cisco WAP4410n & WAP321n.
* ***Software :*** MS Office 2003, 2007, 2013, Java, HTML.
* ***Networking :*** Installation and troubleshooting of LAN, WAN and Wireless networking.
* ***Operating Systems :*** Windows 7,8,10, Vista, Linuxmint,Ubuntu,Centos,Redhat

**INDUSTRIAL EXPOSURE (6.5+ Years of Experience)**

**Currently Working in Global logic India LTD as a Consultant and Architect (Devops & Cloud services).**

**Designation-Consultant**

**Responsibilities-**

* DevOps/Cloud Engineer & Architect offering over 6.5+ years of experience solving complex problems with creative solutions, supporting development and operations environments.
* Experience with CI (Continuous Integration) and CD (Continuous Deployment) CI/CD methodologies using Jenkins, AWS and C.M tools in an Agile Environment tools.
* Experience in Creating and managing CI/CD pipelines on Jenkins,GitLab and on AWS using(Codecommit,Codebuild,codedeploy& Codepipeline).
* Experience in working with AWS ECS,EKS and GCP GKE
* Expertise in Amazon AWS Cloud Administration which includes servers: EC2, S3, EBS,RDS,VPC,Eastic load balancer, Route 53, Auto Scaling, Security Groups, Redshift,Beanstalk,Lambda,Codecommit,Codebuild,codedeploy,Codepipeline,codestar,cloud9, Cloud watch, Cloud Formation.
* Expertise in configuration management using Ansible.
* Expert in capturing the entire "Infrastructure as Code" using tools like Terraform , Packer .
* Responsible for large - scale Environment implementation and maintenance using various devops tools.
* Experienced in Writing Ansible playbooks to automate our build/deployment process and do an overall process improvement to any manual processes and Managed many software configuration files by using Ansible.
* Migrated services to OpenStack an open source software platform for cloud service design, network layout data migration, automation, monitoring, deployments and cutover, documentation, overall plan, cost, analysis.
* Extensive experience using Maven, Gradle as build tools for building of deployable artifacts (JAR, WAR & EAR) from source code.
* Experience in working on source control tools like Tortoise SVN, Code commit and GIT.
* Designed and implemented container managed unit and integration test framework using Jenkins , Maven , Git , JIRA , Docker and Ansible.
* Experience with container based deployments using Docker, working with Docker images, Docker hub and Docker registries.
* Well used and experience in deploying the code through web application servers like Apache Tomcat, Nginx.
* Experience in scripting languages like Python, Yaml, HCL, Bash and Shell configuration
* Integration of Maven/Nexus, Jenkins, Urban Code Deploy with Patterns/Release, Git, Confluence, JIRA .
* Expertise in installing, configuring and managing Apache and VMware Server in clustered environments for High Availability, Load balancing and fail over.
* Implementations of automatic secure SSH Login, User and Group administration.
* Experience in administering VMware infrastructure , including ESX 4.x and 5.x , vCenter, vSphere 5.x and associated VMware products. Creation of VMs, cloning and migrations of the Virtual Machines on VMware vSphere .
* Installation of Packages, Patches and maintenance & RPM updates on Linux.
* Installation, Configuration and Management of RDBMS and NoSql tools such as MySQL, DB2, PostgreSQL, MongoDB& Cassandra.

**Worked from - Dec 2017 to Nov 2018 In One97 communication Pvt Ltd (PAYTM) as Senior Devops Engineer**

**Designation: - Senior Devops Engineer**

**Responsibilities-**

## Work together with development teams to improve the overall development productivity

## Work closely with the software engineering and product management teams to design, deliver and manage our services with high uptime

## Create frameworks and automation in the development process to maximize build efficiency and secure solid code

## Manage the AWS infrastructure and strategic vendor relationships including development firms

## Proficient in Cloud based software development/management tools (Ubuntu, Chef/Puppet, Jenkins, Ruby, Zabbix, Nagios, NewRelic, AWS)

## Create, update and manage shell scripts in a Red Hat environment, including operational scripts as well as monitoring scripts

## Developing templates or scripts to automate everyday developer or operations functions

**Worked from - April 2016 to Dec 2017 in HCL TECHNOLOGIES as a Solution Architect in Network & Cloud Service**

**Designation: - SENIOR SPECIALIST**

**Responsibilities-**

* Knowledge on different cloud deployment models.
* Knowledge on different cloud service models.
* Knowledge on Amazon web services (AWS) different service's like -
* AWS Compute service's(AWS EC2, AWS Lambda, AWS Elastic Beanstalk, AWS Elastic Load Balancer and Auto scaling).
* AWS Storage service's (AWS S3,AWS Cloud front, AWS EBS, Glacier, AWS Snowball, Storage gateway)
* AWS Database service's(RDS, Aurora, DynamoDB, Elastic Cache, Redshift)
* AWS Networking Service's(Virtual Private Cloud (VPC),Direct Connect, Route 53)
* AWS Management Service's( Cloud Watch, Cloud Formation,Cloud Trail,OpsWork.
* AWS Security Services(IAM,KMS)
* AWS Application Service's (SES,SQS,SNS)
* Resolving network problem on the basis of Network architecture.
* Configuring, Installing & Troubleshooting of ASR series Routers, L3 Switches (3750,4500,6500series) and Nexus devices series NX5000,NX7000.
* Implementation and Troubleshooting in routing protocols OSPF,EIGRP,BGP.
* Monitoring all network devices i.e. Router, Switches, Wireless router and Servers.
* Configuration of VLAN, STP,DHCPs, Telnet, SDM on Switches.
* Troubleshooting Network Hardware and operating system.
* Manage and troubleshooting all client PCs through Remote access.
* Generating & maintaining reports like CPU Utilization Health Checkup, Memory utilization, Alarm, configuration backup, incident logs of all router and switches.
* Monitoring tools used for Network Monitoring (**Network Node Manager)**
* Experience In managing and designing DATACENTERS with variety of devices like Cisco Nexus,MD5**,Firewalls**
* **Worked From- JAN-2015 to April 2016 in Dhii Health Tech Pvt. Ltd (For Wipro Infotech),**
* **Designation:SENIOR NETWORK ENGINEER ( L2)**

**Responsibility-**

* Troubleshooting of complex LAN/WAN infrastructure, including routing protocols EIGRP, OSPF & BGP
* Settings of the networking devices (Cisco Router, switches) co-coordinating with the system/Network administrator during implementation.
* Configuring network access servers and routers for AAA Security.
* Documentation and change control.
* Working on troubleshooting of complex LAN/WAN infrastructure.
* Upgrading and backups of Cisco router configuration files.
* Impementing and maintaining backup schedules.

**Worked as Guest Networks Trainer from Dec-2013 to Jan 2015 in Networking Training Institute.**

**EDUCATION**

* Completed Engineering from N.I.T.M (RGTU UNIVERSITY) with 70%
* Completed HSC from M.P. Board.
* Completed SSC from M.P. Board.

**TECHNICAL EDUCATION**

**CCNA Trained Routing and Switching**

**CCNP Trained Routing, Switching and Troubleshooting.**

**Trained in Amazon Web Services (AWS) Solution Architect**

**PERSONAL DETAILS**

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| **Name** | Basu Asthana |
| **Date of Birth :** | 02-10-1989 |
| **Gender** | Male |
| **Fathers Name :** | Mr. Sandeep Asthana |
| **Nationality** | Indian |
| **Language** | English, Hindi. |
| **Present Address** | Skl Aparments Sector  37 Noida. |

**DECLARATION-:**

I hereby declare that the above-furnished information is correct to the best of my knowledge and belief.

**BasuAsthana**

**Date.........**

**Place..........**