|  |  |
| --- | --- |
| Biswaranjan Biswal Proactively maintain and develop all AWS infrastructure technology to maintain a 24x7x365 uptime service and CI/CD pipeline for DevOps processes. | Bengaluru, India**(+91)8247726195**biswal.biswaranjan@yahoo.com |
| EXPERIENCENTT Ltd., Bengaluru -Cloud Support EngineerNOV 2019 – PRESENT* Deploying infra with AWS services like VPC, EC2, Hive, Glue, EMR, AWS Batch, S3, ELB, Autoscaling Groups (ASG), EBS, RDS, IAM, Route 53 and CloudWatch.
* Responsible for architecting, designing, implementing, and supporting cloud-based infrastructure and its solutions.
* Deployed the Elastic Load Balancer & configured HTTPS configured HTTPS certificates.
* Setup a VPC environment & designed an effective backup strategy based on client requirements.
* Proactively monitored servers, devices, and applications to identify & rectify potential issues on time.
* Responsible for managing AWS resources in cloud and maintain Continuous Integration and Continuous Deployment pipeline for fast paced robust application development environment.
* Ensuring secure inflow and outflow of data through services like VPC, Security Group, Subnets, Route 53.
* Monitoring Resources through CloudWatch Metrices and Grafana Dashboard for Monitoring tool.
* Managed GitHub repositories and permissions, including branching and tagging.
* Experienced in Gitlab CI and Jenkins for CI and for End-to-End automation for all build and CD.
* Created a Continuous Delivery process to include support building of Docker Images and publish into a private repository
* Solid working knowledge of source control management systems (i.e. Git) and effective code branching/merging strategies.
* Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Utilized Python Libraries like Boto3 for AWS.
* Using raw files loaded data files from URL’s to Amazon S3 Bucket.
* Created alarms, monitored & collected log files on AWS resources using **CloudWatch on EC2 instance which generates Simple Notification Service (SNS).**
* Performed all necessary day-to-day GIT support for different projects.
* Experience primarily in Linux/ Windows Server Administration.
* Create and modify scripts or applications to perform tasks.
* Proactively monitoring system performance and capacity planning.
* Windows Server Administration capability and familiarity with Linux Servers - troubleshooting, resolving all Technical issues related to our software/ networks and the range of Products and Services.
* Proven experience designing and building data warehouse solutions using AWS Redshift.
* Proven experience with associated AWS technologies, like S3.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.
* Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
* Configured Elastic Load Balancers with EC2 Auto Scaling groups.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources.
* Create and maintain highly scalable and **fault tolerant** multi-tier AWS environments spanning across multiple availability zones using **Terraform** and **CloudFormation**.

Dimension Data Asia Pvt Ltd., Bengaluru —L1 Network Engineer(Payroll of ATP Infratech Pvt Ltd.)Aug 2018 - Nov 2019* Monitored the network in order to identify any irregularities in user activity and provide quality documentation.
* Experience architecting/operating solutions built on AWS.
* Designed **AWS** Cloud Formation templates to create custom sized **VPC,** subnets, NAT to ensure successful deployment of Web applications and database templates.
* support customers AWS-based Cloud services and infrastructure.
* Managing and monitoring the AWS EC2 instances.
* Also coordinating with ISP in related to speed and duplex setting or interface related issues like reliability decreases or cable faulty or layer one issue.
* Working on BGP and its attribute Community, local preference and using route-map for sending and receiving internal and out branch traffic.
* Hands-on Experience in configuration of Network architecture on AWS with **VPC, Subnets, Internet gateway, NAT, Route table.**
* Stood as primary support contact for all test teams regarding architecture, network topology and connectivity.
* Upgrading and backups of Cisco router configuration files.
* Settings of the networking devices (Cisco Router, switches) co-coordinating with the system/Network administrator during implementation.
* Monitored performance and analyzed network irregularities using tools such as APG.
* Perform Troubleshooting end-to-end between the two sites.
* Coordinating with Wipro vendor when router is faulty or not booting up.
* Ensure effective communication at various levels of business for smooth project execution.
* Checking Bandwidth utilization, retrieving the bandwidth report and coordinating with respective SDM so that based on the link utilization we can upgrade the link.

**PROFFESIONAL TRAINING:**AWS Solution Architect Certification Training | Teq Stories Institute -Linux training | Teq Stories Institute, Bangalore-DevOps training | Teq Stories Institute, Bangalore-Linux basic training |LinkedIn -CCNA Training | Zoom Technologies, HyderabadEDUCATIONCMR Engineering College, Hyderabad, IndiaAug 2014 - July 2018-B.Tech. in Mechanical Engineering from JNTU Hyderabad University**HOBBIES**Playing FootballReading BooksTravellingKeeping up with the latest developments in technology | SKILLS* **AWS EC2, AWS S3, VPC, DevOps**

AWS Monitoring-Cloud watch, SNS (Amazon Simple Notification Service), Cloud Trail, Elastic Beanstalk, AWS Glue, Route 53, RDS.AWS IaaS, AWS CloudFront, IAM, AWS REDSHIFT, CI/CD, Network configuration, Cisco, Tech support, vendor management, TCP/IP, DNS, DHCP, WAN/LAN, NAT (Network Address Translation), * **Advanced MS OFFICE (Word, Excel, Outlook, PowerPoint, OneNote, Access)**

**Web Technologies:*** **JSON, XML, HTML**

**Operating Systems:** **Linux (UNIX, Ubuntu, Windows 7,8,10** **CI Tool:****GIT, GIT Hub, Jenkins****CD Tool:****Docker, Docker Hub. Kubernetes****CM Tool:****Ansible****Provisioning Tool:****Terraform** **Scripting Language:****Bash scripting, Shell, Python**  ACHIEVEMENTS  Participated and won many school level essay competitions. Participated in Robotics workshop in college.· Participated in Mahatma Gandhi State level Hindi competition and got first prize.· Participated and got 3rd position in IOEL.  LANGUAGES English, Hindi, Odia |