|  |  |
| --- | --- |
| 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, Hyderabad EDUCATIONCMR Engineering College, Hyderabad, IndiaAug 2014 - July 2018 -B.Tech. in Mechanical Engineering from JNTU Hyderabad University  **HOBBIES**  Playing Football  Reading Books  Travelling  Keeping 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:**  **Shell Scriptingss, 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. LANGUAGESEnglish, Hindi, Odia |