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| **photo_2021-03-02_19-50-02 Bismaya Kumar Sahoo**  **Deloitte Consulting India Pvt. Ltd.**  **Email: bismayakumar606@gmail.com**  **Mobile: +91-9513129409**  **Linkedin- www.linkedin.com/in/bismaya-kumar-sahoo-314b29206**  Amazon Web Services (AWS) | GCP | Jenkins| Teamcity | Ansible| Chef | Terraform |Continuous Integration (CI) & Continuous Delivery (CD) | Build & Release Management | Configuration Management | Containerization | Docker | Orchestration | Kubernetes | Infrastructure Management | Agile Methodology| MuleSoft (Any point platform)|Guidewire| Jira| service Now| Artifactory|  **Professional Career:**   * Worked as a DevOps with Cloud Engineer in Deloitte USI, Bangalore from July 2019 to till now. * Worked as a DevOps Engineer in CGI, Bangalore from Apr 2017 to till June 2019.   **Achievements:**   * AWS Certified solution Architects- Associate     **PROFESSIONAL SUMMARY**:  Highly analytical, solutions-based, and results-driven professional with around 5 **years** background in IT Industry. Broad Knowledge in System Administration and Software Configuration Management (SCM), Build and Release Management, Continuous Integration and Continuous Deployment using DevOps tools for Infra-Structure Automation, Incident Management for both Public and Private Cloud Services.   * Solid Knowledge in Building servers using **AWS** includes importing necessary volumes, launching **EC2** instance, **S3** for object static web pages and created **security groups**, **auto scaling, load balancer, Route 53,** and **SNS** as per the architecture. * Hands-on experience in implementation, architecture, and design with a strong background in **Cloud IaaS/PaaS/SaaS, Private/Public clouds.** * Hands-on experience in building serverless architecture using **Lambda and S3 bucket**. * Extensive experience in **cloud-formation** for building, changing, and versioning of Infrastructure and wrote Templates for **AWS infrastructure** as a code using **cloud-formation** to build staging and production environments. * Experience in setting up Docker environments **Docker Daemon, Docker Client, Docker Hub, Docker Registries, Docker Compose** and handling multiple images. * Extensive experience in installing, configuring, and administering **the Jenkins CI** tool on Linux machines. * Having good experience in creating deployment pipeline using AWS DevOps tools such as Code Commit, Code Build and Code Deploy. * Expert in Cloud Technologies like Amazon Web Services **(AWS) VPC, EC2**, **ELB**, Auto-Scaling, **S3**, **IAM, RDS, Cloud Watch** and Elastic cache. * Experience in setup and manage scalable **RDS (Amazon Aurora)** in AWS environment. * Having good experience in data warehouse solution using Amazon Redshift.   **TECHNICAL ACUMEN**:   |  |  | | --- | --- | | **Public Cloud Platform** | AWS, GCP | | **CI/CD** | Jenkins, TeamCity, AWS Code Build and Code Deploy. | | **Configuration Management** | Ansible, Chef | | **Infrastructure as a code** | AWS CloudFormation | | **Source Code and Repositories** | Git,GitHub and AWS Code Commit | | **Security and Encryption Tools** | AWS IAM, AWS KMS | | **Containerization and orchestrations tools** | Docker, Kubernetes, AWS ECS, AWS EKS | | **Logging and Altering** | AWS CloudWatch , SNS, Dynatrace, Zabbix | | **Build Tools** | Maven | | **Operating system** | Linux and Windows | | **Database** | Amazon Aurora and RDS | | **Ticketing Tools** | HP Service manager and Service Now | | Scripting Language | Unix Shell scripting, XML, JSON,Yaml,Python | | |
|  | **PROFESSIONAL EXPERIENCE:**  **Working for Deloitte Consulting India Pvt Ltd. July 2019 to present**  **Role: DevOps Engineer**  **Responsibilities:**   * Experience in environment set-up in AWS (Amazon web services). Creating new accounts for Users, Groups and added users to different groups through IAM. * Build servers using AWS: launching **EC2, RDS**, **S3, IAM, VPC**, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection. * Experience in creating cross-zone load balancing and creating vpc-peering between multiple regions. * Having good experience in deploying Web Application using elastic beanstalk. * Having good experience in creating docker-file, docker-compose file for setting up environment for Dev, QA, UAT, Production. * Created detailed **AWS** Security groups which behaved as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances. * Managing of **S3** life cycle with **IA-S3** and **Glacier**. * Administering & setting up Security groups & **VPCs** specific to environment. Setting up VPC and its components: Internet Gateway, **Network ACL**, Security Group, Subnet and **Route Table**. * Managing private and public subnet in AWS cloud as per the request. Configured **NAT Gateway** in AWS. * Worked on **Docker container** attaching to a running container, removing images, managing directory structures and managing containers. * Automating the Build Infrastructure for deploying services in a dockerized environment using **Jenkins.** * Good Experience in setting up SonarQube on docker platform for checking the code quality. * Expert in using **GIT** and its various commands. Also, integrated GIT with **Jenkins** & build tools like **ant, maven**. I have also used **GIT** flavors like **GitHub, GitLab.** I have a very good experience in implementing various branching strategies.   **CGI India:**  **Role: Cloud-DevOps Engineer April 2017 to June 2019**  **Responsibilities:**   * Built highly available and scalable infrastructure for the production environment using **EC2 launch configurations, auto-scaling policies** based on **CPU Utilization** for web and app servers. * Converted existing **AWS infrastructure to server-less architecture** (AWS Lambda) * Migrated data from Datacenters and on-premises to Cloud using AWS Import/Export * Used **IAM** to assign roles, to create and manage **AWS users, groups, and permissions** to use AWS resources. And Setup specific **IAM profiles** per group utilizing newly released **APIs** for controlling resources within **AWS** based on group or user. * Involved in Architect, build and maintain Highly Available secure multi-zone **AWS** cloud infrastructure with **AWS CloudFormation** and **Jenkins** for continuous integration. * Configured and Installed **Docker** using **Docker** toolbox, creation of custom **Docker container images**, tagging and pushing the images, removing images, and managing Docker volumes. * Configured applications that run **multi-container Docker** applications by utilizing the **Docker-Compose** tool. * Built upstream and downstream jobs in **Jenkins** to build and deploy onto different environments, worked with **Jenkins CLI**, manage plugins and Jenkins file. * Implemented Jenkins and Created **SonarQube** reporting dashboard to run an analysis for every project. * Provisioned the highly available **EC2** instances using **Terraform** and **CloudFormation** templates, wrote new plugins to support new functionality in Terraform and involved in using terraform **migrate** legacy and monolithic systems to **Amazon Web Services.** * Building S3 buckets and managing policies for S3 buckets and used S3 bucket and glacier for storage and backup on AWS. * Created detailed AWS Security groups which behaved as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances. * Deploying reliable DB using Multi-AZ.   **ACADEMIC DETAILS:**  B. Tech (bachelor technology) from BPUT University, Odisha in 2016.  **PERSONAL DETAILS**:  **Fathers Name**: Baikuntha Nath Sahoo  **DOB**: 14/07/1994  **Languages Known**: Odia, Hindi, English |