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| **Jyotiprakash Sahoo**  **Email: jsahoo.s.090@gmail.com**  **Mobile: +91-9853333011**  Amazon Web Services (AWS) | Jenkins| Teamcity | Ansible| Continuous Integration (CI) & Continuous Delivery (CD) | Build & Release Management | Configuration Management | Containerization | Docker | Orchestration | Kubernetes | Infrastructure Management | Agile Methodology| Jira| service Now| .  **Professional Career**:   * Worked as a DevOps Engineer in AscentHR Consulting, Bangalore from Aug 2019 to July 2021. * Worked as a software Engineer in Operative, Bangalore from April 2014 to Aug 2019. * Worked as a Software Engineer in Theorem India, Mysore from Aug 2012 to April 2014.   **PROFESSIONAL SUMMARY**:  Highly analytical, solutions-based, and results-driven professional with 8+yearsbackground in IT Industry and 4.3 **years with DevOps and Cloud Engineer**. 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 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 | | **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 and SNS | | **Build Tools** | Maven | | **Operating system** | Linux and Windows | | **Database** | Mysql, Amazon Aurora | | **Ticketing Tools** | Jira,HP Service manager and Service Now | | |
|  | **PROFESSIONAL EXPERIENCE:**  **PROJECT#1**  **=================**  Client: HPE  Team Size: 14  Business Domain: E-Commerce  Role: DevOps/AWS Engineer   * 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.   **Tools and Technologies used**: Docker, Jenkins, Ansible, JIRA, GIT, NPM, AWS, SonarQube.  **PROJECT #2**  **==========================**  Client: Thomson Reuters  Team Size: 12  Role: DevOps/AWS Engineer   * 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.   **Tools and Technologies used**: AWS (EC2, VPC, ELB, S3, RDS, Cloud watch and Route 53, Lambda), Docker, Kubernetes, CI/CD, Jenkins, bitbucket, Terraform, Python, Linux.  **PROJECT#3**  **====================================================**  Client: Pekin Insurance  Team Size: 18  Role: DevOps With Linux   * Prioritized the tasks and assigned the work to corresponding team and ensure the end-users continue with their work smoothly without any issues * Good understanding of the full software development life cycle, including building, deploying and releasing of code from environment. * Generating source code and compiling code packaging into **JAR**, **WAR** files in packaged in a Repository. * Branching, Merging, Tagging, Release Activities on Version Control Tools: **GIT**, **GitHub**. * Support code and **configuration management.** * Create and maintain build, deployment and rollback scripts/tools. * Execute scheduled application **builds** and **deployment**s. * Provide support for application and environment **configuration issues.** * Coordinate with support teams to support and resolve **build issues.** * Maintain code branches and coordinate code mergers with **revision control** utility. * **Manage, update, configure** and provision development and testing environments... * Deployments on **Apache tomcat7 & 8, JBoss.** * Experience with using, administering or configuring **Hudson/Jenkins** CI tools. * Experience of creating release **branches**, Labels. * Experience of merging changes from release **branch** to depot and resolving the conflicts occurred at the time **merge** process. * Build Java code in different **Jenkins servers** as per the schedule. * When required applied patches as per the release process. * Managed metadata for packages according to Project requirement. * Implemented Continuous integration effort with **Jenkins** along with scheduled builds for Releases * Interacted with supporting teams to understand client deployment requests. * Prepared and Maintained Build, Release and Deployment documents.   **ACADEMIC DETAILS:**  B. Tech (bachelor technology) from BPUT University, Odisha in 2012.  Intermediate from State Board (CHSE), Odisha in 2008.  Matriculation from State Board (BSE), Odisha in 2006  **PERSONAL DETAILS**:  **Fathers Name**: Prahallad Sahoo  **DOB**: 05/06/1991  **Languages Known**: Odia, Hindi, English  **Declaration:**  I hereby declare that the above written particulars are true to the best of knowledge and belief.  Place: BANGALORE (Jyotiprakash Sahoo) |