

SAMBIT KUMAR NAYAK

Senior DevOps Engineer

PROFILE

DevOps L2 Engineer with 4.3 Years of Senior Devops Engineer in Designing Cloud Infrastructure, On Premises to Cloud Migration, Automated Configuration Management Tools, Devops Automation Management, Google Cloud platform products, Linux server administration, Networking. Currently I am Seeking new position involved in Cloud Platform designing, planning and deployment.

CONTACT

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EDUCATION

B. Tech in Electrical & Electronics Engineering
from Biju Patnaik University of Technology, Bhubaneswar, Odisha

September 2010 - April 2014

12th in Biology Science & Technology

From New Age+2 Science College, Bhubaneswar, Odisha

June 2018 - June 2010

10th HSC from Unit -1 Govt. Boys High School, Bhubaneswar, Odisha

June 2004-April 2007

WORK EXPERIENCE

Sigmoid Analytics - DevOps L2 Engineer

February 2019 - September 2019

Deployment, CI/CD pipeline designing, Google Cloud Platform services orchestration

LogiwareInc - Build & Release Engineer

July 2018-February 2019

Designing CI/CD Pipeline, Software Building & Release management, and troubleshooting the GCP Cloud Architecture for LogiwareInc.

Ilabs Enterprise - System Engineer

January 2018-June 2018

Responsible for design, deploy, implement and support of cloud-based infrastructure applications and its solutions.

QuintilesIMS - Cloud Infrastructure Operation Engineer

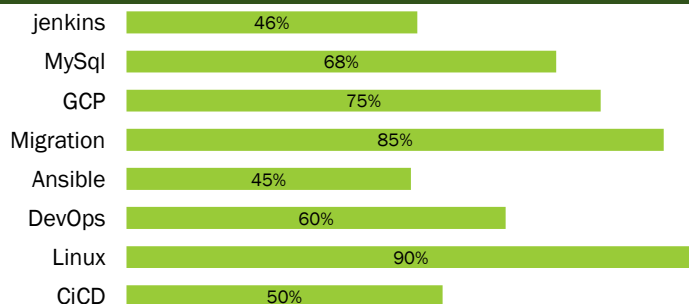
November 2016-December 2017

My Primary Job Responsibility was to provisioning resources & Troubleshoot OS related issues on AWS Cloud Infrastructure (Windows, Linux). Provisioning & Deploying New EC2 servers in Production Environment, Maintenance of AWS Resources

Skills & Tools -

- ❖ CI/CD - Jenkins, Blueocean, GoCD, Circleci
- ❖ Configuration Management - Ansible, Saltstack, Puppet
- ❖ Containerization & Orchestration - Docker, Kubernetes
- ❖ Infrastructure Provisioning - Terraform
- ❖ Cloud Environment - GCP, AWS, Alibaba Cloud
- ❖ App Servers - Tomcat 7,8, Google App Engine
- ❖ Databases - MySQL, Snowflake, Vertica, Impala, MSSQL Server
- ❖ Version Control - GIT, GitHub, Bitbucket
- ❖ Bug Tracking - Jira, Mantis, confluence
- ❖ Unix and Linux Servers - Redhat, Ubuntu, IBM Z/OS, AS400
- ❖ Monitoring Tools - Stackdriver, Nagios, Centreon, Grafana, Prometheus
- ❖ Ticketing Tools - ServiceNow, Jira, Zendesk

SKILLS



WORK EXPERIENCE

Current Position: -

Sigmoid Analytics DevOps L2 Engineer

February 2019 –September 2019

Roles & Responsibility: -

- Managed Snowflake & sigview software design and development project across 16 -member development team while remaining focused on meeting client needs for functionality, timeline and performance .
- Interfaced with cross-functional team of business analysts, developers and technical support professionals to determine comprehensive list of requirement specifications for new applications
- Cloud infra resources such as GCP Dataproc Cluster, GKE Cluster, GCP VM, GCS Buckets, Service Account Creation by using Terraform
- Monitored automated build and continuous software integration process to drive build/release failure resolution using ansible
- Worked closely with software development and testing team members to design and develop robust data warehouse solutions to meet client requirements for functionality, scalability and performance
- Drove project lifespan from concept to final rollout in software development, system deployment, testing and monitoring for cloud resources
- Designed and built good automation script tools and applications to deploy next generation platform
- Versed in complete software life cycle from preliminary needs analysis to enterprise-wide deployment and support
- Collaborated with cross-functional development team members to analyze potential system solutions based on evolving client requirements
- Collaborated closely with product development teams and other stakeholders, using effective communication and active listening skills
- Prepared detailed reports on updates to project specifications, progress, identified conflicts and team activities
- Modified existing snowflake software source code to correct coding errors, upgrade interfaces and improve overall performance
- Wrote shell scripts for daily maintenance activities, including snowsql indexes and tables data duplication or missing data analyses
- Designing CICD Pipeline for ETL Jobs, Designing Cloud Infrastructure
- Migration of Running existing on-premise Hadoop jobs, storage & clusters to gcp dataproc clusters
- Using Salt stack & Ansible for Creation of Resources & Managing resources for clients
- Maintaining Vertica DB instances, databases, indexers, working on Jira trouble tickets, providing resolutions, RCA to the customers within SLA
- Successfully Completed Migration of Hortonworks cloudera DW clusters to snowflake Cloud DW clusters
- Working & Fixing Data Deduplication issues in cloud data warehouses such as BigQuery, snowflake, Vertica DW
- Managing Source Code in GitHub for all branches, branching strategy creation & codebase maintaining
- Monitoring the running dataproc, google kubernetes engine clusters, gcp vm with stackdriver & profiler services.

LogiwareInc Build & Release Engineer

July 2018–February 2019

Roles & Responsibility: -

- Designing, managing, and troubleshooting the Cloud Architecture Design Strategy for LogiwareInc.
- Managing Software Release Process, Creating Process for patch release and version release.
- Managing a Development Team of 10 Members for the release cycles & Interacting with them regarding new requirements designing from customers.
- Migration of On-Premise Data Center Hosted Linux Servers, Database Migration from Traditional Oracle Database or MySQL Db to Cloud SQL(GCP), RDS MySQL instance or Apsara DB for RDS instances.

- Managing Google Cloud infrastructure resources, Resource creation such as provisioning and deployment of vm on compute engine, creating DR sites for infrastructure.
- Creation of Service account, users for gcp console & giving appropriate IAM Permission & roles.
- Creating Cloud SQL Database instance & configuring it for production.
- Backups planning of vm, cloud sql instances as per our company requirements & DR Site creation in separate regions for high availability.
- Implementation of SSL Certificate & https web server on production environment.
- License, validity management.
- Configuration of Cloud sql instances, database creation, Creation of users, access list permission defining, network policy governance migration of database from on premise to cloud, and cloud to cloud live migration of databases & Configuring slow-query on the databases instances.
- GitHub Branch creation, Branch management, GitHub authentication setup on builds, sub branch creation, git cherry-picking of committed codes, managing git hub users, access, permission setup on GitHub, branch checking out codes on build servers & build .war files for deployments.
- Giving Demo to customers regarding our product & the benefits for the customer container shipping business.
- Tagging each build after successful test & make the production code server ready for the next building.
- Creating new branches on GitHub & bit bucket if the client's needs some new changes or some new tools to be added to the software.
- Creation of resources, users, groups, defining authentication for compute resources, databases on Alibaba.
- Fixing product deployments related issues & creation of new deployments every day to fix master branch issues.
- Executing MySQL Queries on production or stage or QA databases & defining proper database for each customer, configuring slow query on production database, configuring high availability failover in regions.
- End to end development & deployment support to customers for all incidents.
- Cloning stable release version codes & building the codes by using ant or maven.
- For Automated or scheduled deployments configuring jobs in Jenkins.
- Intimating with clients for new release deployments & estimated installation time.
- Monitoring of running applications by using stack driver (GCP) creation of dashboard, Alert Action Policy to see all services & resources availability & Actions during incidents.
- Live Migration of production Linux servers, Data and between multi cloud such as AWS to GCP, GCP to Alibaba cloud.
- Live Migration of servers from AWS to GCP, migration of files, databases, tomcat 7, and apache web server setup.
- Providing Training on Linux to Team about the product, fixing production issues, and debugging application related issues.

Ilabs Enterprise System Engineer

Client Company: - Tesco India

January 2018–June 2018

Roles & Responsibility: -

- Responsible for design, deploy, implement and support of cloud-based infrastructure applications and its solutions.
- Complete End of the Day Transactions & write & execute EOD SQL queries & update the Databases to update the total number of transactions, sales & inventory records (EJ to DB POS Sales).
- Monitor & Manage the Servers, Applications running on the Production Environment.
- Checking live sales transactions, transaction failures, escalations at an interval of every 45 minutes in the shifts.
- Manage Windows Virtual Machines via vSphere Console like power off the vm, reboot.
- Involved in Creating and Monitoring different process flows using AUTOSYS scheduling tool and giving solutions for failure of jobs.
- Participating bridge calls at time of change managements, incident managements.
- Configuring Citrix Desktop Virtualization & Administrating XenServers Hosted at Tesco DC across Different Time Zones.
- Running & Monitoring Autosys Batch Jobs, Monitoring CE Nightly Activities, Making Report as per the shifts.

- Keeping Track of Safe lock across Thailand & Malaysia Hyper, Thalad & Express Tesco Stores & Prepare Safe lock Reports on Daily Basis & send the report to Managers for auditing Purpose.
- Fixing up RTS (Real Time Sales) related issues, which happens at Tesco Stores across Europe Region.
- Monitoring Spunk & AppDynamics Journeys (Orders), Investigate Failed Journeys & reach out to the user via email or call if any issues reporting.

QuintilesIMS Cloud Infrastructure Operation Engineer

November 2016–December 2017

Roles & Responsibility: -

- My Primary Job Responsibility was to Monitor & Troubleshoot OS related issues on AWS Cloud Infrastructure (Windows, Linux).
- Provisioning & Deploying New EC2 servers in Production Environment, Maintenance of AWS Resources.
- Handling responsibilities of providing 24x7-infrastructure support in production environment Monitoring of Hosts/Nodes, Network Devices for downtime, utilization, throughput, and response times using SolarWinds.
- I had worked on 24 x7x 365 shift-based operational environments providing level 2 response, solution, escalation to alarms from network, vm servers, and cloud hosted application errors.
- Enabling CloudWatch for monitoring EC2 instances and Elastic Load Balancers.
- Experienced in maintaining VPC and private subnets and distributed them as groups into various availability zones.
- Experience in maintenance and configuration of user accounts for DEV/QA/PROD servers and Managing IAM roles, Setting S3 Bucket Policy, lifecycle.
- Involved in the migration and implementation of multiple virtual machines & hosted applications from On-premise to cloud using AWS vm Migration Tools.
- Provisioning and Deploying, Configuring Linux & windows instances in AWS EC2 for the respective team.
- Managing & Troubleshooting Basic issues for windows & Red hat Linux Servers Reported By users.
- Manage, maintain, upgrade and monitor EC2 Instances hosted at AWS environments.
- Deploying EC2 instance, creating Managing IAM Policy, managing VPC, NACL and Security groups, Monitoring Servers in CloudWatch dashboards.
- Designing of VPC Components such as route tables Network Policy, Security Group, subnetting, routing, Nat, elastic ip, Internet gateway.

Symphony Teleca NOC Engineer

May 2015–November 2016

Roles & Responsibility: -

- ROLES AND RESPONSIBILITIES.
- NOC Monitoring using Nagios Software, SolarWinds tool for network problem identification & Coordinating with Network Team & ISP.
- Monitoring Windows Servers, Linux Servers, ESXI Hosts, Network and Backup based on priority.
- Using SCOM/Nagios/SolarWinds Tool for monitoring and Commvault for Backup.
- Configuring Host and Host Group, services, Nagios client agents in Nagios admin Panel for monitoring.
- Installation, Configuration, and basic Troubleshooting of Windows Servers.
- In the event of a network outage, need to follow a set of procedures to facilitate quick resolution.
- They are incident alert, tracking, identification, Isolation, notification and Escalation for internal and external (ISP's or customers).
- Configuring Nagios XI for monitoring hosts, services, setting threshold for Critical, Warning level alert & Support level.
- Coordinate with concerned GOC/Core IT team if the Servers CPU/Memory/Hard disk Utilization crosses threshold.
- Maintain LTO Storage Tape Archival Backup on weekly and monthly basis.