Siba Prasad Bisoi   **+91-8553115008**   sibaprasadbisoi08@gmail.com

DevospEngineer   *Bangalore, India*

Summary

6 years' experience as a **Devops Engineer, System Engineer** working for **Healthcare Services Enterprises**.

- Functional domain experience in infrastructure setup for software development and testing.
- Hands-on development experience of **AWS, Linux, ServiceNow, Azure Devops, Terraform, Shell scripting, GIT, Docker**
- Hands-on production support experience dealing with Incidents, Problems, Changes, application deployement.
- **Technical Skills on Amazon Web Services (AWS):** Having knowledge in EC2, VPC, S3, IAM, SNS, Cloud Watch, Route53, Elastic Load Balancer, Auto Scaling.
- **Technical Skills on DevOps Tools:** Hands-on experience in GIT and azure Devops(distributed version control tool), Terraform (IAAC Management Tools), Maven (Build tool), Docker (Container Based Tool), Jenkins (Continuous Integration tool) and Cloud Watch and Grafana (Monitoring tool)

- Platforms: Linux, Windows
- Cloud Technology: AWS
- Infrastructure provisioning tool: Terraform and Ansible
- Version Control System: Git and Azure
- Continuous Integration/ Management: Jenkins and Azure Devops
- Monitoring Tools: Cloud watch and Grafana
- Scripting Languages: Powershell and Python
- containerization: Docker
- Ticket Tracking: ServiceNow

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Devops Engineer

- Creating and maintaining the CI CD pipelines using Azure Devops. And monitoring the builds and troubleshooting the failures to ensure smooth integration and application deployemt.
- Designed and maintained highly scalable and **fault tolerant** multi-tier AWS environments spanning across multiple availability zones using **Terraform.**
- Writing PowerShell and batch scripts to automate all the manual tasks related to infrastructure and artifact deployment.
- Understanding the requirement of development team and setup the pipeline for the new task and maintaining the existing pipelines for different project in **Azure Devops.**
- Worked on **S3** bucket like version control and managing various object lifecycles on S3 bucket.
- Actively managing and monitoring cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling. Implemented monitoring and alerting using cloud watch, cloud trail.
- Created **Elastic Load Balancer** for the application and experience on configuring Auto Scaling groups and setting policies.
- Deployed configuration management and provisioning to AWS using **Terraform**. Working on terraform to importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
- Configured of Identity & Access Management (**IAM**) Users, Groups, Permission, Polices, Role.
- Designed high availability environment for Application servers and database servers on EC2 by using ELB, Auto- scaling.

- Hands on experience on **VPC** like creating own CIDR block, subnets, assigning IP's and launching instances into VPC.
- Assisted in designing NAT Gateway, IGW to access internet for EC2 instance.
- Setting up a continuous integration and continuous delivery (CI/CD) pipeline with the help of **Jenkins** on AWS to automate steps in software delivery process, such as initiating automatic builds and then deploying to Amazon EC2 instances.
- Created **KB articles** (Knowledge Base) for Customers and L1, L2 Support team.
- Having very good experience in working with Docker volumes.
- Built and deployed **Docker** containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.

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System Engineer

- Performed day-to-day operations including application health check-up and maintenance activities in support of the application.
- Monitored ticket queues in ServiceNow, including the tickets generated from alarms (automated).
- Resolved various issues by running SQL queries and powershell scripts to keep the application deployment using batch script and scheduled task.
- Automated various daily activities using Python and powershell script.
- Worked on 100 + Change Requests based on Defects/Application Migration/Modifications in application.
- An Active member of release management team and performs application restart, script deployment, technical verification as part of the release process.
- Participated in scheduled Annual Disaster Recovery Test i.e., COB (Continuity of Business) test.
- Got appreciated by my client for exceptional work during critical issues in customer site.

Education
B.Tech in Electronics and Telecommunication Engineering (**ETC**) from Biju Patnaik University of Technology, Odisha, India (2008- 2012).