**Binay Kumar E-mail:**binayraj@gmail.com

**AWS & DevOps Engineer Mobile No:** +91-9999364907

**10+Years of Experience (AWS Cloud & IT Infrastructure Management)**

**Career Objective:**

To take a challenging role as AWS/DevOps Engineer and implement an efficient & effective solution that would help the organization to achieve the best solution and also to excel in all my endeavors thereby enabling growth of my colleagues, team members and the organization at large. Career interest: AWS Cloud and DevOps configuration management which includes Project Setup, AWS EC2 cloud, VPC setup and, Build Automation, Continuous Integration, SCM process improvements.

**Employment Record: 10+Years**

* Currently working as an AWS Administrator & Web Application Engineer at AP Techpins Pvt. Ltd, Gurgaon from July 2017 to till date.
* Previously I worked as an AM IT Infrastructure Support Engineer at Klazina Consultant Ltd, Gurgaon from November 2012 to January 2016.
* Previously I worked as a Senior IT Infrastructure Support at JiniOnline Tech Support Pvt. Ltd, Gurgaon from May 2011 to Nov 2012.
* Previously I worked as an IT Support at Aspirant Technologies Pvt. Ltd, New Delhi from August 2006 to Dec. 2010.

**Professional Summary:**

* Experience in Amazon Web Service resources like EC2, VPC, S3, IAM, ELB, RDS, Route 53, Auto Scaling and Cloud Watch.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, EBS volumes; to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.
* Managing AWS instances via monitoring tool and action the alerts accordingly.
* Managed multiple AWS accounts with multiple VPC’s for both production and non -production.
* Configured and managed VPC with Subnets, security groups, NACL, IGW etc.
* Configured and managing Load balancer.
* Configured and managing S3 storage.
* Configured and managing IAM.
* Created AMI images of the critical EC2 instance as backup using GUI.
* Experience in Configuration management tool like ANSIBLE.
* Knowledge on Containerization tool like DOCKER.
* Experience in Distributed Version Control Systems like GIT and GIT Hub.
* Strong knowledge on source controller concepts like Branches, Merges and Tags.
* Knowledge on Bash Scripts
* Experience in CI/CD Tools like JENKINS.
* Extensively worked on Jenkins by Installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
* Provided framework for automated deployment in Tomcat environment.
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.

**Technical Skills:**

* Cloud Based Environment AWS
* Configuration management  Ansible
* Containerization tool Docker
* Monitoring tool Cloud Watch, Grafana
* SCM Tools GIT, GitHub & Bitbucket
* Build Tools Jenkins
* Ticketing Tool JIRA
* Operating Systems LINUX & Windows
* Database MySQL
* Web/Application Servers Apache Tomcat, Nginx, Apache2
* Firewall Cisco ASA, Cyberoam UTM & Sucuri Web Firewall
* VoIP Device Audio Code, Cisco PAP2 & Soft phone

**Project Experience:**

 Company: **AP Techpins Pvt. Ltd** (July 2017 to Till Date)

 Client: iTutor Inc.

 Environment: Ubuntu/Windows, MySQL, AWS, Jenkins and GIT

 Role: AWS Administrator & Web Application Engineer

**Responsibilities:**

* Worked on AWS EC2cloud, VPC setup and configurations, AMIs, EBS, S3, and Cloud Formation, ELB, cloud watch.
* Managed multiple AWS accounts with multiple VPC’s for both production and non-prod where primary objectives included automation, build out, integration and cost control
* Exclusively worked on windows & Linux AMI for hardening.
* Enterprise and Premium support for EC2 infrastructure.
* Build, manage and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Manage the Source code to have Latest version of code available from production releases.
* Experience in Setting up GIT repository setup in Bit Bucket and Branching and Merging Model.
* Supporting engineering plans and schedules by providing CM/Release Engineering services to build, deploy, develop scripts, oversee branch and merge strategies and build automated tools as necessary to offer services to engineering team.
* Performed DevOps for Linux and Windows platforms.
* Monitored developed applications and fixed bugs.
* Created a continuous delivery pipeline from the ground up built with GIT and Jenkins for Target's Finance Integration Team.
* Maintained subversion repositories for DevOps environment automation code and configuration.
* Developed automation and deployment utilities using shell.
* Wrote custom monitoring and integrated monitoring methods into deployment processes to develop self-healing solutions.
* Created automation and deployment templates for relational including MySQL.
* Scheduling snapshots of volumes for backup and find root cause analysis of failures and documenting bugs and fixes; scheduled downtimes and maintenance of cluster.
* Provide direct server support during deployment and general production operations.
* Worked with developers to ensure new environments both met their requirements and conformed to industry-standard best practices.

**Project Experience:**

 Company: **Klazina Consultant Pvt. Ltd.** (November 2012 to January 2016)

 Environment: CentOS/Windows, MySQL, Asterisk Server, Cisco ASA, Cyberoam, EMC NAS

 Role: AM IT Infrastructure Support Engineer

**Responsibilities:**

* Providing enhanced support for Cisco ASA.
* Maintain Asterisk Contaque Server Based on Linux (Avissol).
* Performing changes and incidents according to the requests.
* Configuring Access to approved requests.
* Updating Process Remedies for Changes and Incidents Meeting SLAs.
* Analyze and verify simple to Major changes.
* Provide suggestions and follow up with customer for the change requirements.
* Implement the changes to firewall policy as per the SLA.
* Implement the routing changes to the firewalls.
* Manage the logging of the firewalls and help in weekly optimization of the log server.
* Monitor the WAN Network utilization.
* Generated the All IT reports.
* Vendor management.
* Hardware uptime Availability.
* Service delivery business support & operational support management.
* Managing Internet Access Control.
* Managing FTP Server.
* Managing NAS Device.
* Backup on Daily, Weekly or monthly basis.

**Project Experience:**

Company: **JiniOnline Tech Support Pvt. Ltd.** (May 2011 to November 2012)

 Environment: CentOS/Windows, Asterisk Server & Cisco ASA

 Role: Senior IT Infrastructure Support Engineer

**Responsibilities:**

* Providing enhanced support for Cisco firewall management through ASDM.
* Performing changes and incidents according to the requests.
* Configuring Access to approved requests.
* Updating Process Remedies for Changes and Incidents Meeting SLAs.
* Analyze and verify simple to Major changes.
* Provide suggestions and follow up with customer for the change requirements.
* Implement the changes to firewall policy as per the SLA.
* Implement the routing changes to the firewalls.
* Manage the logging of the firewalls and help in weekly optimization of the log server.
* Monitor the WAN Network utilization.
* Generated the All IT report related to users.
* Vendor management.
* Backup on Daily basis or monthly basis.
* Manage the VoIP phone Line for inbound and outbound calling.
* Manage Predictive Dialer for inbound & outbound Campaigns for Various clients
* Managing Invoice & Reporting.

**Project Experience:**

Company: **Aspirant Technologies Pvt. Ltd.** (August 2006 to May 2011)

 Environment: CentOS/Windows, Asterisk Server, Cisco ASA & Audio Codes & Cisco VoIP Device

 Role: IT Infrastructure Support Engineer

**Responsibilities:**

* Installation and troubleshooting of a LAN and WAN of 200 Computers.
* Configuration and troubleshooting the 8 MBPS leased Line.
* Responsible to Diagnose & troubleshoot all the problems related to the IT Infrastructure / VOIP Gateways
* Administration and Configuration of Audio Code MP-124.
* Maintain Dialer Server Based on Linux (Drishti Corp).
* Maintain the Cube Dialer based on hardware.
* Maintain the User, Campaign, and Leads & Report on Dialer Server.
* Managing Server and desktop.
* Provide the desktop support to the users.
* Installation and configuration of VMware Workstation.
* Computer Hardware- Assembling, Installing.

**Educational qualification:**

* Bachelor of Arts (B.A) in History with 59% aggregate from Patna University.
* 1 Yr. Diploma in Computer Application from NIIT Technologies, Patna.
* CCNA Certification (Cisco Certified Network Associate).
* MCP (Microsoft Certified Professional).
* RHCE Training from Amrita Institute, Hyderabad.
* AWS Certified Solution Architect Associate.

**Declaration:**

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

**Date: (Binay Kumar)**