**BANU PRASAD**

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#### Career Objective:

Having **2+ years** of AWS Cloud and DevOps experience in IT Infrastructure and Hosting based 24X7 support environments. Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability and technical skills.

#### Professional Profile:

* Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, SSL, Security Groups, RDS and IAM).
* Experience in Amazon Web Services (Cloud Platform).
* Manage and configure AWS services as per the business needs (ELB, SNS, EC2, Route 53, S3, RDS, Cloud Watch, IAM, and VPC.
* Setup/Managing VPC, Subnets make connection between different zones.
* Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/ downgrade AWS resources (CPU, Memory, EBS).
* Backup and recovery of RDS instances.
* MySQL Database security, creating users and managing permissions.
* Configuring topics for email and SMS in AWS simple notification services.
* Installed and Setup Web Servers ( Apache and Tomcat ), DB Server ( MySQL)
* Managing DNS Records.
* Installed and Setup Nagios Server monitoring tools, Plugging, NRPE.
* Strong Experience in Amazon EC2 setting up instances, VPCs, and security groups.
* Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket.
* Excelled on creating AMI (AWS Machine Images) that utilizes ELB (Elastic Load Balancer) and Auto Scaling.
* Used the AWS-CLI to suspend an AWS Lambda function. Used AWS CLI to automate backups of ephemeral data-stores to S3 buckets, EBS.
* Created alarms in Cloud watch service for monitoring the server performance.
* Implemented, deployed and maintained cloud infrastructure using AWS.
* Maintaining the user accounts (IAM), RDS, Route 53, SES and SNS services in AWS cloud.
* Experienced knowledge on Configuration management tool called CHEF.
* Supported development sprints by automating instance provisioning using cloud formation and code deployments using chef, Jenkins, Git hub.
* Knowledge on Ansible configuration management tool.
* Creating an AWS RDS MySQL DB cluster and connected to the database through an Amazon **RDS MySQL DB** Instance using the Amazon RDS Console. Create and Manipulate shell scripts on Production server for backup on AWS.
* Hands-on in writing the **Docker** files for building images.
* Containerizing applications with **Docker**
* Responsible for managing the **Docker** private registry.
* Participate in building the DevOps Platform with DevOps tools and high end scripting languages like Chef.
* Developing build and deployment pipelines using **Jenkins, Maven, ANT** for Java applications

#### Educational Qualifications:

* B.E (CSE) – Er. Perumal Manimekalai College of Engineering, Anna University, Chennai in **2015** with **69%.**

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#### Technical Skills:

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| **Cloud Services:** | Amazon Web Services |
| **Web Server Administration:** | Apache, Tomcat |
| **Database Administration:** | MySQL |
| **Server and Service Monitoring:** | Nagios |
| **Configuration Management:** | Ansible |
| **Shell Scripting:** | Bash, Python |
| **Continuous Integration:** | Jenkins, Hudson |
| **Source Control:** | Git, Subversion |
| **Build Tools:** | Ant, Maven, Make |
| **Virtual Environment:** | VMware, Virtual box, Vagrant, KVM |
| **Container Technology:** | **Docker** |
| **Project Management:** | Jira |

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#### Professional Summary:

Working in **MINDTREE** as a **AWS/DevOps Engineer from** dec 2016-Till date

**AWS/DevOps Engineer:**

**Roles & responsibilities:**

* Enterprise and Premium support for EC2 infrastructure
* Worked closely with EC2 infrastructure teams to troubleshoot complex issues
* Building customized Amazon Machine Images
* Managed multiple AWS accounts with multiple VPC’s for both production and non-prod
* Worked on AWS Cloud Watch, Cloud Formation services
* Managed and supported AWS Security related issues, such IAM and S3 policies for user access
* Manage and configure AWS services as per the business needs (ELB, SNS, EC2, Route 53, S3, RDS, Cloud Watch, IAM, and VPC.
* Support for all other AWS products such as S3, RDS, Elastic Load Balancing, Route53 (DNS)
* Assisted high profile Enterprise customers to resolve critical issues related to Windows and Linux EC2 instances
* MySQL Database security, creating users and managing permissions.
* Oracle Database security, creating users, roles and managing permissions.
* Created detailed AWS Security groups which behaved as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
* Created alarms in Cloud watch service for monitoring the server performance.
* Maintaining the user accounts (IAM), RDS, Route 53, SES and SNS services in AWS cloud.
* Configuring and managing web Server.
* Experience in Automation using chef. Developing cookbooks and push to the chef server.
* Build servers in cloud based and physical infrastructure.

**Linux Administrator, NTTDATA from june 2015-nov 2016**

**Roles & responsibilities:**

* Installing all Linux flavors OS, Configuring and binding system with domain.
* User administration, creating, modifying and deletion. Resetting UNIX account password.
* Installing applications on Linux flavors.
* Worked in close contact with network engineers in configuring LINUX servers across regional and offshore locations
* Maintained constant communication with system administrators, team leads, database administrators and project managers in keeping the LINUX environment efficient and up-to date.
* Worked on automation of activities through scripting (Python, Bash).
* Performed operating system installation and configuration
* Managed and implemented changes, upgrades, security procedures and policies to the Linux.
* Responsible for Day to Day Backup and Recovery using tar. Updated backup scripts on different environments.
* Responsible for providing support and assistance in initial installation of the system, setup and maintenance of the user account, data recovery, etc.
* Maintained production servers ensuring productivity at all times.
* Created detailed AWS Security groups which behaved as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.

**Place: Bangalore ( Banu Prasad )**