Bhavani Y

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Devops Engineer   +91 –

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PROFESSIONAL SUMMARY:

- Having 3.8 years of experience in the Build & Release Management and Devops.
- Hands-on Experience on administrating Jenkins, plug-in installation, master/slave or   distributed build setup.
- Expertise in creation of End–to-End deployment for each environment through Jenkins delivery pipeline process.
- Good knowledge and practical exposure on the AWS services like **EC2, S3, IAM, ELB, Lambda, RDS, Dynamo DB, Cloud watch, Cloud Trail** and **Cloud Formation**
- Have Experience on creating **EC2** instances and setting up Auto Scaling Groups.
- Have knowledge on **IAM** for AWS using Multifactor authentication.
- Working experience in taking snapshots of the EBS Volumes.
- Creating the automated build and deployment process for application and leading up to building a continuous integration system for all our products using **Jenkins**.
- Experience in Administration/Maintenance of Source Control Management Systems such as Git . Created tags and branches, fixed merge issues and administered software repositories.
- Hands-on Experience on Uploading builds artifacts to **Amazon S3**.
- Having experience in creating custom Docker Images using **Dockerfile**.
- Having knowledge on Docker Clustering using **Dockerfile**.
- Hand on experience in delivering container based deployments using **Docker**.
- Worked on **Docker** Container service to create reusable and portable environments for Dev and QA for quickly check their sanity testing.
- Experience on Configuration Management Tools like **Ansible** for provisioning infrastructure.
- Experienced in maintaining Infrastructure as a code using Ansible to automate the deployment.

TECHNICAL SKILLS:

Version Controls	SVN, GIT, GitHub, Jenkins CI
Configuration Management	Chef, Puppet, Ansible, Salt Stack
CI and Build Tools	Jenkins, Hudson

AWS/Databases	MySQL, RDS, NoSQL
Application Servers	WebLogic, WebSphere
Scripting Languages	Bash, Perl, Python, HTML
Build Tools	Maven, ant
Cloud platforms	Amazon Web Services
Programming Languages	C/C++
Amazon Web Services	EC2, S3, Elastic Load Balancer, Auto Scaling Services, Glacier, Elastic beanstalk, Cloud Front, Relational Database, Dynamo DB, Virtual Private Cloud, Route 53, Cloud Watch, Identity and Access Management(IAM), EMR, SNS, SQS, Cloud Formation, Lambda. VPN
Networking	LDAP, DNS, FTP, DHCP ,SSH, TCP/IP,NFS, SMTP, SOAP, HTTP/HTTPS

PROFESSIONAL EXPERIENCE:

Cognos ITSolutions

Build & Release Engineer and Devops Engineer (August 2016 till date)

Project # 1:

Client   : Prudential

 Role   **: Devops Engineer**

Duration   **:** July 2017 to Till Date.

Project Description:

 Online Insurance is a web application which is used to tracking the details about the insurance policy, customer details and company details. This project is useful for any kind of insurance company to manage the insurance details, to sanctioned the insurance for customer, process the insurance policy details and all kind of insurance process through online. In this online process the user enter into the website it will show details about insurance and its types, also it will show the details about different duration schemes to the corresponding insurance type or insurance policy. In this process contains the user registration form which is used to apply for insurance policy through online. It also helps the customer to view their own insurance status information.

Roles and Responsibilities:

• Monitoring daily builds, running some sanity tests on builds and generating packages.
• Installed the application on AWS EC2 instances using Operating Systems like AMI, Red hat.
• Creating IAM roles, creating public and private subnets in VPC.
• Analyze and resolve conflicts related to merging of source code for GIT.
• Configured and maintained **Jenkins** to implement the **CI** process and automated the deployment on the application servers using the "code deploy" plug-in for **Jenkins**.
• Automated the deployments to DEV and QA Environments by picking up builds from

Jenkins using **Ansible**.

• Written Simple **Ansible** YAML scripts to configure the servers.

• Responsible for monitoring the entire infrastructure using Nagios to get the alerts based on custom alerts/criteria.

Project # 2:

Client   : Genetic Alliance

Role   **: Build and Release Engineer**

Duration   **:** August 2016 to June 2017.

Project Description:

 We work on a variety of issues that families and individuals with genetic conditions face. We aim to provide information, support families and influence the services needed by these patients. We also work to add patient voice into debates that matter to our community. Our work falls into different categories: reproductive techniques, diagnosis, medical research, healthcare and delivery, access to treatments and living and education.

Roles and Responsibilities:

• Branching, Tagging, Release Activities on Version Control Tool using Git.

• Creating CI/CD pipelines by integrating Git, Maven and Jenkins.

• Develop Build Scripts in Maven to Package Java Development Code to an install-able EAR.

• Automate Continuous Build and Deploy Continuous Integration tool Jenkins.

• Installing and configuring, Git, Maven, and Jenkins.

• Built and supported Development, Integration, Staging and, Production environments.

• Monitor and fix the continuous integration builds running in Jenkins.

• Configured and maintained Jenkins to implement the CI process and integrated the tool and Maven to schedule the builds.

• Responsible for monitoring the entire infrastructure using Nagios to get the alerts based on custom alerts/criteria.

 # Dynamed(Magnatek)

System Admin (March 2014 to July 2016)

Roles and Responsibilities:

- • Installed and configured Red Hat Linux Servers
- • Install new servers using kick-start installation and configuration method
- • Implementation of package management, FHS systems and LVM management
- • Installation, configuration and management of Apache and Tomcat servers
- • Install host firewall Iptables for Redhat Linux
- • Administered local and remote servers on daily basis providing weekly status reports to the team lead

- Troubleshoot and resolve software and hardware problems
- Provided management of system process in areas like boot process, start-up and system shutdown
- Respond to security alerts with risk evaluation and monitoring unauthorized access attempts
- Diagnosed and resolved problems associated with DNS, DHCP, NFS and Apache
- Maintained user based security using password aging
- Optimize the security performance by tracking daily system utilization to determine if problems are imminent
- Supported end users and provided basic training to the new years as required.

Worked as an Admin & Office Assistant at Indo Global Studies from Feb 2011 to April 2013.

Worked as a Team Leader (Internship) at Indus Foundation from June 2011 to Jan 2012.

EDUCATIONAL QUALIFICATION:

- **Bachelor of Computer Science** Completed in 2010 from Osmania University.