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PARAMATA SEEDHAR REDDY - *AWS DevOps/SRE and Infrastructure Engineer*

Offering around 15 years of commendable experience in all aspects of Software Development, Software Architecture, Design, Product Delivery & Support across diverse domains with the merit of completing & delivering high impact projects of large magnitude within strict time schedule
Targeting assignments in **IT Digital Transformation ❙ Technology Leadership ❙ Software Architecture & Solution Delivery | International Client Relationship Management**

Industry Preference: IT ❙ Location Preference: Bangalore / Hyderabad / Chennai/ Pune

Profile Summary

- Overall, **15** years of extensive experience in Information Technology. looking for a position in areas of **Software Configuration Management, Version Control, Build and Release management, Change management, Cloud Integration**.
- Over **12** years of experience in application server administration, installation, migration and configuration on AIX/Solaris/Linux/Windows platforms, deploying Java enterprise applications, messaging, security configuration, system monitoring, troubleshooting, performance tuning, capacity planning, backup and recovery.
- Well versed with deadline pressures, superior analytical, time - management, collaboration, communication and problem-solving skills.
- Experience in **Linux/Windows System, Build Engineering & Release Management process**, including end-to- end code configuration, **building binaries & deployments** and entire life cycle model in Enterprise Applications.
- In-depth knowledge of DevOps management methodologies and production deployment Configurations.
- Skilled at Software Development Life Cycles and Agile Programming Methodologies.
- Experience with **Jenkins as Continuous Integration / Continuous Deployment Tool** and strong expertise with Ant and Maven Build Frameworks.
- Experience with **SaaS** (Software as a Service), **PaaS** (Platform as a Service), and **IaaS** (Infrastructure as a Service) solutions.
- Extensive experience with **AWS** (Storage, Application Services, Deployment and Management) and managed servers on AWS platform instances using A**nsible, Chef Configuration management**.
- Hands on experience in AWS provisioning and good knowledge of **AWS services** like **EC2, S3, Glacier, ELB, RDS, Redshift, IAM, Route 53, VPC, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups**.
- Skilled in monitoring servers using **Geneos, Cloud watch and SPLUNK**.
- Experience in managing infrastructure resources in **cloud architecture** with close coordination with various functional teams.
- Experience with Version Control Systems like **GIT, CVS, SVN (Subversion)**.
- **Monitor, build and deploy** software releases and provide support for production deployments.
- Configured **JENKINS** Monitor, List and Build views to displays the status and progress of selected jobs with build version information.
- Automated application deployment in the cloud using **Docker technology using Elastic Container Service scheduler**.
- Created and managed a **Docker** deployment pipeline for custom application images in the cloud using Jenkins.
- Experience in working with automation tools like **CHEF, PUPPET and ANSIBLE**.
- Experience with Configuration Management automation tool Ansible and has worked on integrating **Ansible YAML Scripts**.
- Used **Ansible** for configuring and managing multi-node configuration management over SSH and PowerShell.
- Involved in the functional usage and deployment of applications in **Apache Tomcat** and **Web Logic/Websphere Server**.
- Configured and Deployed application packages on to the **Apache Tomcat** server. Coordinated with software development teams and QA teams.

- Worked with **IAM** service creating new **IAM** users & groups, defining roles and policies and Identity providers.
- Focused on containerization and immutable infrastructure. **Docker** has been core to this experience, along with **Kubernetes**.
- Experience of working with the release and deployment of large-scale **Java/J2EE** Web applications.
- Experience in building & deploying **Java/SOA** applications and troubleshooting any build & deploy failures.
- Ability in development and execution of **XML, Ruby, Shell Scripts and Perl Scripts, Power shell, Batch scripts and Bash** also.
- Worked with different Bug tracking tools like **JIRA, Remedy and Bugzilla**.
- Working in implementation team to build and engineer servers on **Ubuntu and RHEL. Provisioning virtual servers** on **VMware** and **ESX** servers using **Vcloud**.
- Good Knowledge in developing advanced web-based applications using **JavaScript, Web Services** and Databases like Oracle, **SQL** Server.
- Used **Kubernetes** to deploy scale, load balance, scale and manage docker containers with multiple namespaced versions.
- Ability to quickly understand, learn and implement the new system design, data models in a **professional work environment.**
- Experience in creating, debugging, diagnosing and troubleshooting, build scripts written in **ANT, Maven** on Linux platform.
- Hands on experience in configuring and maintaining webservers like **Apache Tomcat,** and Application servers like **WebLogic, WebSphere** and **JBoss.**
- Experience in Configuring and Integrating the Servers with different environments to automatically provisioning and creating new machines using Configuration management/provisioning tools like Ansible.
- Experience in working with Technical Architects, Senior Developers, Testers, Senior Management and IT Team.
- Managed environments **DEV, SIT, QA, UAT and PROD** for various releases and designed instance strategies.
- Worked with different Bug/Ticketing tracking tools like **JIRA**, **Peregrine**.
- Experience in software methodologies like **Waterfall model, Agile Methodology** and **Scrum**.
- Proficient in defining, communicating and fulfilling the project's goal and breaking complex issues into manageable parts.
- Capable of handling multiple tasks and work efficiently both in a group and as an individual to meet deadlines.
- Worked on **Agile Scrum** Team and attended daily **scrum meetings**.
- Good Skills and Interpersonal Communication, result oriented, hard working with a quest and **zeal to learn new technologies.**
- Ability to take up **Technical Management** role or can be **Individual Contributor**.
- Experience in **Managing team and project budget**.
- Planning and setting goals for the team.
- Conducting **performance evaluations** of employees.
- Supporting employees with **training and development** activities.
- Monitoring team performance to ensure objectives are met.

IT Skills & Competencies

- **Operating Systems** : DOS, AIX 4.3/5.2/6.1, Solaris 2.6/7/8/9/10, Win 2003/2008/2010, RHEL 4/5.5/6.3
- **Languages** : C, C++, Java, J2ee and HTML.
- **Script Language** : Java Script, PowerShell, Perl, Python and Ruby
- **Web/Application Servers** : Tomcat Server 5.x, 6.x, WebSphere Application Server 6.1/7.0/8.0/8.5, WebLogic 8.1/9.x/10.x, WebSphere Portal Server Version 5.1/6.1, Tomcat 5.5/ 6.0, JBoss
- **Java/J2ee Technologies** : SERVLETS 2.4, JSP 1.3, Custom Tags, JDBC 3.0, RMI, EJB2.0, Struts 1.2, Tiles, JSF.
- **RDBMS** : Database Servers DB2 UDB 6.1/7.2/8.1, Oracle 7.3.4/ 8i/ 9i/ 10g/ 11g, Sybase 15.5,

  MySQL
- **DevOps Tools** : Jenkins, Maven, Artifactory, Docker, Ansible, Chef, Kubernetes
- **Build Tools** : ANT, MAVEN.

- **Tools** : JBuilder, Eclipse 3.0, Rational Application Developer, Rational Software Architect, Web Sphere Integration Developer, Active Console (Geneos), Docker
- **Working tool** : VSS, CVS, Harvest, Tortoise SVN, putty, WinSCP, GIT
- **IBM PRODUCTS** : WebSphere Application Server 6.1/7.0/8.0/8.5, Rational Application Developer 6.0, Web Sphere Network Deployment Server, WebSphere Portal Server Version 6.0, IBM DB2-8.2.3, IBM Tivoli Directory Server. Web Servers IBM HTTP Server 2.x/ 6.1/7.0/8.0, Messaging Servers Java Messaging (JMS), WebSphere MQ 6.0/7.0.
- **Skills** : AWS services like VPC, EC2, S3, ELB, Autoscaling Groups (ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail

Employment Details

Worked as Associate Vice President in **JPMorgan Chase, Bangalore** from December 2009 till May 2019

Key Result Areas:

- Responsible for architecting, designing, Implementing and supporting of cloud-based infrastructure and its solutions.
- Created AWS services like VPC, EC2, S3, ELB, Autoscaling Groups (ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail.
- Created multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- Used security groups, network ACL's, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
- Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
- Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.
- Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.
- Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources.
- Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
- Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
- Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with Python and Shell scripts to automate routine jobs.
- Implemented Continuous Integration using Jenkins and GIT from scratch.
- Extensive experience in scripting languages including Shell Scripting and Ruby Scripting.
- Responsible for performing tasks like Branching, Tagging, and Release Activities on Version Control Tools like SVN, GIT.
- Drive process and run book documentation to minimize internal and external escalations, and vendor engagement
- Handling communication and providing transparency on major site issues to the executive management team
- Document root cause analysis reports and develop standard operating procedures
- Represent the team in design reviews and operational readiness exercises for new and existing services
- Participate in the Business Continuity plan (BCP) and DR Activities
- Installed and Setup Web Servers (Apache and Tomcat)
- Installed and supporting WebSphere Network Deployment 6.1/7.0/8.0/8.5 on Sun Solaris 5.9/ 5.10
- Managed application configuration, configured class loader, plugin configuration, tuning
- JVM parameters and data source configuration
- Enabled Global Security and security policies using custom security registry (Small Registry)

- Configured IBM HTTP web server for Single Sign-on using SiteMinder
- Implemented feature packs, fix packs, efixes and APARs on application and web servers
- Configured and analyzed logs using Log Analyzer tool, enabled tracing and java core dumps for troubleshooting applications
- Used Foglight & Quartz for end-to-end application monitoring
- Automated server tasks for WAS maintenance using shell scripts
- Implemented distributed queuing and configured MQ queue objects for applications
- Managed queues, topics, subscriptions, configured security for MQ objects

- Monitor Production Server Health of different parameters (System Load, Swap Memory, Hard disk, Apache requests) via Geneos.
- Scheduling jobs using crontab.
- Worked with different Bug tracking tools like JIRA, Use the JIRA for bug tracking, creating the dashboard for issues.
- Experience in software methodologies like Waterfall model, Agile Methodology and Scrum.
- Design and Configure release process through Jenkins, JIRA.
- Create plans and ensured Release management deliverables are met on time, risks are appropriately mitigated, and code implementation status is communicated regularly to Application Manager.
- Configure and setup activities of both environmental and functional.
- Understand business process, requirements and ensure quality of the software code being implemented complies with organizational policies and standards.
- Analyze and design process of release flow for various applications with maximum utilization of the tools Maven and Jenkins.
- Involved in Setting up Continuous Integration Environment using Jenkins and responsible for installation, integration and maintenance of the TFS and GIT Source Control Management System.
- Conducting meetings with the teams for the Provisioning of IAAS VMs Create and Manipulate shell scripts on Production server
- Working within SLA to take ownership, escalate to resolve
- Configuring Alerts from Splunk and Creating Dashboard for LOB for Monitoring
- Excellent co-ordination between peers and Management
- SME in Tomcat, Apache, PowerShell, Splunk, Autosys, SiteMinder SME
- Apply Automation of task on Production, staging server if required
- Acted as Scrum Master for Product teams with a focus on guiding the teams towards improving the way they work.
- Assisted team to remove impediments by having an understanding the control and release processes
- Coached team members on Agile principles and providing general guidance on the methodology
- Continuously learned Agile/Scrum techniques and shared findings with the team
- Tracked and effectively communicated team velocity and sprint/release progress to all affected teams and management
- Updated Agile tracking systems to provide transparency on product and sprint backlogs

Previous Work Experience

- Worked as Senior Software Engineer in **Accenture Services Pvt Ltd., Bangalore** from August 2007 to December 2009

Projects:

1). Enterprise Technology Service (ETS) (Client: United Health Group [Healthcare] U.S.A).

2). Site ID Migration (Client: JPMC)

3). CLOG-6(Client: TELUS CANADA)

4). BADirect IWC/Portal Demo (Client: Bank of America)

Role: Offshore Lead, Installation, Configuration, Integration, Code Analysis.

- Worked as Sr. Associate Software Engineer in **IBM India Pvt Ltd., Bangalore** from July 2006 to July 2007.

Projects:

1). Lab Services Portal

2). Account Opening Process (Phase 1 & 2)

Role: Module Lead. Installation, Configuration, Development, and Deployment.

- ▶ Worked as Software Engineer on Contract basis at **RCI (Research Center Imarat), Ministry of Defense, Govt of INDIA, Hyderabad** from October 2000 to December 2002.

Projects:

1). Navigation for Flight Vehicle.

2). Calibration for Inertial Navigation (CAIN)

Role: Implementation, Maintenance, Data Collection and updating using and C, C++.

Education

- ▶ Master of Business Administration, Systems, Madurai Kamaraj University, Study Circle, Koramangala, Bangalore in 2011
- ▶ Bachelor of Engineering, Electronics and Communications, RVR& JC College of Engineering, Acharya Nagarjuna University, ANDHRA PRADESH in 2000

Certifications

- ▶ SCJP 5.0
- ▶ SCWCD 5.0
- ▶ WebSphere Application Server 6.1 (Core Administration)
- ▶ WebSphere Application Server 6.1 (Advanced Administration)
- ▶ ITIL Foundation @V3

Personal Details

Address: H. No 2-14, Reddy & Reddy Colony, Near Old Siddhartha School, Tirupati Road, Piler, Andhra Pradesh - 517214
Languages Known: English, Hindi, Telugu, Kannada, and Tamil