**Siddappa D Balaganur**

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**Professional Summary**

* Over 5 years of IT experience **Build and Release/DevOps Engineering** in automating, building, deploying, and releasing of code from one environment to another environment.
* 1.5 years of experience working on execution of **ETL cycle using Python** i.e. Reference Data building, Extraction, Validation, Transformation, Staging, Reporting, Publishing and Achieve of large volumes of data
* 9 months of experience Managed, maintained, troubleshot **Weblogic Server 11g & 12c** in production environment
* 1 years of experience excellent experience in managing systems running on Linux platforms
* Experience in working on source controller tools like Subversion **(SVN), GIT.**
* Extensively worked on Hudson, **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Having good Experience in DevOps tools like **Ansible**  for infrastructure deployment.
* Exposed to all aspects of software development lifecycle (SDLC) such as Analysis, Planning, and Developing, Testing, and Implementing Post-production analysis of the projects.
* Developed **BASH / python** scripts for software build conduct and management support.
* Expertise in Querying RDBMS such as MYSQL and SQL Server by using SQL for data integrity.
* Experience working on several **Docke**r components like **Docker** Engine, Hub, Machine, creating **Docker** images, Compose, **Docker** Registry and handling multiple images primarily for middleware installations and domain configurations.
* Expertise in Installation, Configuration, and Maintenance of **Oracle WebLogic Server 8.x./9.x/10.x/11g/12c** on different UNIX platforms
* Experience in using **AWS** including EC2, Auto-Scaling in launching EC2 instances, S3,Cloud Watch, Cloud Formation, IAM
* Create clusters in **Google Cloud** and manage the clusters using **Kubernetes**(k8s). Using Jenkins to deploy code to Google Cloud, create new namespaces, creating docker images and pushing them to **container registry** of **Google Cloud**
* Having good Experience in **Kubernetes** orchestration tool
* Experience in using Bug tracking tools like **JIRA**
* Worked with monitoring systems and tools like **Nagios, Splunk, CloudWatch** etc
* Setup Alerting and monitoring using **Stackdriver in GCP**
* Strong knowledge on source controller concepts like Branches, Merges and Tags.
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and teamwork environments.
* Deploying the applications in JBOSS and Web Sphere.

**Technical Skills:**

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| Operating Systems | MS Windows XP/2000/NT/98/7/8, UNIX, Linux, MS DOS |
| Database | Mysql, Mongo, Oracle |
| Scripting Languages | BASH,Python |
| Web/App Servers | Apache Tomcat, JBOSS, Wildfly,WebLogic Server 11g & 12c, Nginix |
| Bug Tracking Tools | Jira |
| DevOps / Cloud Computing | GCP,AWS, Ansible,Chef, Docker , Kubernetes |
| Build & CI Tools | ANT, Maven, Hudson/Jenkins, Artifactory,Cloud build |
| SCM Tools | SVN, GitLab |

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| **Professional Experience:** |  |  |
| **Client: Airtel Kenya,Telecel Zimbabwe** | | **Jan 2019 to till date** |
| **Role: DevOps Engineer**  **Company : Obopay Mobile Technologies pvt ltd** | |  |
| **Responsibilities:** | |  |

* Installation and Configuration of Apache Web server,Nginx using **GCP &** **Docker and kubernates**
* Generated and installed the SSL Certificate
* Deployment the .war and .ear files in Dev/Stage and production mode in Intranet/Internet Environments using Docker file
* Created the Data Source, Connection Pool and test the Connection to connecting the DB or Not
* Installed the BEA License File
* Created the User, Groups and Provide the Global Roles for that Groups or Users
* Deployed the New Sites in development and Production Mode
* Created the Connection Pool and Data Source for Connecting the Oracle Database
* Created the virtual hosts in Apache Webserver and web logic
* Work closely with the DBA team and the System Administrators teams to resolve issues in a timely manner and ensure smooth functioning of the environments
* Configured and deployed applications builds for multiple applications on WebLogic application server (10.3.x, 11g, 12c) hosted on Linux/Unix platform
* Installed, configured and administered and integrated Apache Web Server with the WebLogic Application Server for load balancing
* Used **Jenkins** for continuous integration and generated artifacts from the source repository
* Implemented & maintained the branching and build/release strategies utilizing **Subversion/GIT**
* Analyzing the log files, taking thread dumps, JVM Dumps and Exception stack traces

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| **Client: ORPI,Canal +** | | **Oct 2016 to Dec 2018** |
| **Role: DevOps Engineer**  **Company : Ramyam Intelligence Lab Pvt Ltd(Part of Arvato)** | |  |
| **Responsibilities:** | |  |

* Involved in Architect, build and maintain Highly Available secure multi-zone **AWS** cloud infrastructure utilizing **Ansible** with **AWS CloudFormation** and **Jenkins** for continuous integration.
* Responsible for requirement analysis and data gathering, understanding multiple data sources
* Responsible for design of business logic correlating multiple data sources to create a unified customer profile with transaction history using Big Data Processing
* Implemented and maintained **Ansible** Configuration management spanning several environments in **AWS** cloud.
* Launching Amazon **EC2** Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
* Experienced in using advanced **MYSQL** features like table partitioning and different types of oracle indexing. Back up and Restore experience with **MYSQL** database backups and point in time recovery.
* Extensively worked on **Hudson**, **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Scripting experience in **Python** and/or **Bash,**  **Groovy** for automation purpose.
* Worked on **Docker** container snapshots, attaching to a running container, removing images, managing Directory structures and managing containers.
* Installed **Jenkins** on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Manual Installation and configuration of **Weblogin**, **Tomcat** and **Apache** servers.
* Hands on experience in installing and administrating **CI** tools like **Jenkins**, **GIT**

**Environments:** Linux, Jenkins, Hudson, Docker, GIT, TomcatServer, Apache Server, Python, Shell, AWS EC2.

**Client: Bookmyshow** **Sep 2014 to Sep 2016**

**Company : Ramyam Intelligence Lab Pvt Ltd(Part of Arvato)**

**DevOps engineer**

**Responsibilities:**

* Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Part of the core team during migration from ETL ecosystem to Big data stack ecosystem with minimum downtime.
* Responsible for designing and deploying best **SCM** processes and procedures.
* Installed, configured & administered Jenkins CI tool on Linux machines; setup Master-slave architecture to improve performance and used **Jenkins** for CI & CD into Tomcat Application Server.
* Provisioned and configured Tomcat and Apache instances using **Shell/Perl/Groovy** in Udeploy
* Experience in supporting database systems including **MYSQL o**n **Linux** and Solaris Environment.
* Designed, Installed and Implemented **Chef** configuration management system.
* Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services.**
* Created scripts in **Python** which integrated with Amazon API to control instance operations.
* Used **Subversion** as source code repositories and Managed SVN repositories for branching, merging, and tagging.
* Analyze and resolve conflicts related to merging of source code for **GIT**.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.
* Deployed Java/J2EE applications to Application servers in an **Agile continuous integration** environment and also automated the whole process.
* Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.
* Responsible to Manage a Data Warehouse which will involve writing ETL jobs in Python to read data from MongoDB and store into mongoDB

**Environment:** Java/J2EE, ANT, Maven, Subversion, Chef, Linux,AWS, Shell, Python, Groovy, GIT, Jenkins, Tomcat, Jira.

**Role: System Administrator** **Dec 2010 to Sep 2014**

**Company : Anveshan Telecom Pvt Ltd**

**Responsibilities:**

* Install/configure/maintain the Linux /Solaris servers, NIS, DNS, NFS, Mailing List, Sendmail, apache, FTP, SSHD
* Administrating and troubleshooting Windows Server 2003/2008/2012.
* Managing user accounts and giving share & security level permissions.
* Active Directory users/computers,Domains,DHCP,GPO and groups management.
* Installed and configured an Active Directory Domain Controller.
* Installed and Configured an DNS ,Transfering DNS zone,DHCP Servers

**Role: Junior Software Engineer(Support) April 2008 to July 2009**

**Company : Aspire Software Consultancy**

**Responsibilities:**

* Worked as Software Programmer in Aspire Software Consultancy. Aspire Software Consultancy was a startup company . Primary tasks were Supporting web development Projects on DotNet
* Build,Deployment,end user support ,Manual testing,implementation

**Education:**

* Master of Computer science : Sikkim Manipal University – 62 %
* Bachelor of Science(Information Technology)- 59 %
* Diploma in IT : Nettur Technical Training Foundation(NTTF) - 81%.