

## BHARATHKUMARRAJU D

Mobile No: +91-9884579582/+91-9962291287

bhrth.dsra1@gmail.com



### Objective

To pursue my career in a work environment that will utilize and reinforce my technical skills, abilities and also to apply and gain new cutting edge skills and experiences in IT field and able to learn any technology in quick manner.

### Summary

- Detailed Technical knowledge and hands-on experience of DevOps Automation, Build Engineering and configuration management.
- Extensive experience in the design and implementation of fully automated Continuous Integration, Continuous Delivery, Continuous Deployment Pipelines and Devops processes for Agile Projects across the Banking, Financial, Broadcast and Media Sectors.
- Over 6.5 years IT experience encompassing DevOps-Tools like(Ansible,puppet), UNIX/Linux Admin experience, and a Middleware/Application Server Specialist.
- Automated the Deployment process from Launching infra to deploying the code from Dev to Prod by writing the shell/python scripts for complex systems
- Worked on Nginx servers for URL Redirection. Worked on Load and Performance testing of extremely complex systems.
- Involved in Drawing and designing architecture diagrams for the entire AWS cloud stacks Dev, QA, Stage, Production environments using Lucid chart tool
- Worked on Micro-service Architecture involving spring boot and spring config server for dynamic variable substitution in ansible.
- Worked on Python http requests module to generate reports dynamically using API HTTP methods(GET,POST,PUT,DELETE).

Academic Credentials			
Degree	Year	College/University	Percentile
MCA(Masters)	2007-2010	JNTU Anantapur	82
BSC(Graduation)	2004-2007	SVU Tirupathi	86

Technical Skills	
<b>App &amp; Web Servers</b>	WebSphere, Tomcat, JBoss, Nginx, WSO2 Application Server , WSO2 Identity Server,Apache & IBM IHS
<b>Languages</b>	Shell scripting, Maven, HTML, XPath, and basic C/C++ and Python
<b>Databases</b>	RDS,Aurora,MySql,Oracle
<b>Version Control Systems</b>	GIT and Subversion
<b>Automation/Build Tools</b>	Jenkins , Docker, Cliqr, Terraform, Artifactory, Puppet, Ansible, Bamboo, Rundeck, spring config server, ELK, Datadog, Newrelic, AppDynamics, Gradle
<b>Virtualisation/Cloud</b>	VMWare ESX/ESXi, Docker, Amazon AWS/EC2,VMWare vCloud.
<b>Platforms</b>	Linux, Unix and windows
<b>Network/Infrastructure</b>	TCP/IP,DNS,DHCP,LDAP

Professional Achievements
<ul style="list-style-type: none"> <li>▪ Taken Project sessions on Jenkins, GIT, AWS VPC,Route53 and LINUX BOOT PROCESS/AWK/SED/REGEX</li> <li>▪ Submitted Technical Papers on <b>Mobile Phone Virtualization</b> in Tech-conference 2014, which happens in HP worldwide annually.</li> <li>▪ Given ideas in mobile phone Development in the area of Virtualization in HP Ideas portal and got excellent feedback from the Reviewers as well.</li> <li>▪ Submitted Technical Papers on <b>Immutable Infrastructure deployments</b> in All India Trimble Tech-conference 2016</li> </ul>

## **Projects Handled:**

**October 2016 - till now**

### **Standard Chartered bank**

**Project : EDM Integration**

**Role : Devops Engineer.**

#### **ToolsUsed:**

Ansible,Docker,JIRA,Jenkins,Webmethods(SoftwareAGproduct),ITRS,AppDynamics,Amazon AWS,ELK,GIT Lab,SoftwareAG products(Integration Server,Broker,MWS).

- Working as DevOps Engineer while educating the entire team towards devops field and implementing the Ansible playbooks for installing, configuring the SoftwareAG products such as Integration server(IS), Message Broker(pub/sub),MWS(Report).
- Implemented Playbooks to build and deploy the code from SIT to Prod by jenkins multi-branch pipeline using Groovy and Rundeck for deployment.
- Working on implementation of ELK stack for monitoring, logging and data analysis for the applications(Functional service) in all SIT,UAT and Pre-Prod environment.
- Evaluating and advising on virtualization and containerization solutions.
- Automating the management and creation of Application Servers, resources and database deployments.
- Implemented Nginx Port Forwarding, URL redirection, Nginx Cache(storage), Domain based redirection based on location and regex pattern.Besides that automated these entire process with ansible playbooks.

### **May 2014 – September 2016**

#### **Trimble Navigation, CHENNAI**

**Project : Trimble Platform as a Service (TPaaS)**

**Role : Cloud Admin/Devops-Linux Systems Engineer.**

**Tools Used:** Puppet,JIRA,Jenkins,nginx,Datadog,AmazonAWS,GIT Lab,WSO2 Identity Server,WSO2 APP Server,WSO2 API Manager,WSO2 ESB.

- Creating fully automated CI build , deployment infrastructure and processes for multiple projects.
- Developing scripts for build, deployment and maintenance related tasks using Jenkins, Maven, Python and Bash.
- REST API Development using AWS Gateway and AWS Lambda (Python).
- Automated resource cleanup using AWS Lambda as part of cost saving effort.
- Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools like Jenkins, Ansible and puppet.
- Implementing and developing solutions enabling Development and Operations teams to build, deploy, monitor and test applications and environments.

- Creating Development, QA, Stage, production stacks based on the client requirements and maintaining those stacks securely using robust VPC design.
- Providing IAM roles and S3 bucket policies as part of the requirements given by the customer and supporting their application which are running EC2 machines as well.
- Monitoring those applications using monitoring tools like DataDog, Worked on integrating AWS environment with central logging tool like sumologic, splunk.
- Involved in Immutable automated deployments using cliqr/Terraform from launching infra to deploying the code, creating monitors and logging system for the application.
- Have supported the scalable web applications based on EC2, with fully automated deployments.
- Working closely with Architecture, Development, Test, Security and IT Services teams.
- Automating the management and creation of Application Servers, resources and database deployments.

**Mar 2011 – April 2014**

## **HEWLETT PACKARD GLOBAL SOFT, CHENNAI**

**Client : Airbus, France**

**Project : UNIX Apps Support/Level 2 /amazon AWS cloud Apps support**

**Role : UNIX Application Support / Technology Consultant/**

**Environment:** UNIX, Solaris, RHEL, CentOS, AIX, VMware ESXi, Amazon AWS CLOUD

**Tools Used:** Putty, Semaphore, Sigtool, VMware vsphere client, python, BASH, LDAP, LVM

### **Responsibilities:**

- Automating the installation, deployment and maintenance of Middleware Application Servers to RHEL Development and Test Environments on VMWare ESX.
- Participate in root-cause analysis of recurring issues.
- System and User Administration – responsible for the maintenance of DHCP, DNS, LDAP, AD and NFS services on Red Hat Enterprise Linux in Development/Production environments.
- Performing software installation, upgrades/patches, troubleshooting, and maintenance on UNIX servers.
- Production and Support administration script development in python, bash, zsh.
- Installing, configuring and troubleshooting ansible playbooks in Linux servers to configure package repository, automate patching and configuring services.
- Server installation/maintenance (SAN, NFS) with RAID.

<b>Personal Information:</b>	
<b>Name</b>	Bharathkumarraju D
<b>Date Of Birth</b>	12/06/1987
<b>Languages Known</b>	English, Tamil,Telugu,Hindi
<b>Marital Status</b>	Single
<b>Passport Number</b>	J7879295
<b>NSR ITPIN</b>	851053247527
<b>PAN Card Number</b>	ARGPD1680G
<b>Hobbies</b>	Chess and Cricket, Software Collection
<b>Current Address</b>	10,kamaraj(street),6cross, 1 Lane, west Gandhinagar,avadi,Chennai-54
<b>LinkedIn profile</b>	<a href="https://in.linkedin.com/in/dasararaju">https://in.linkedin.com/in/dasararaju</a>
<b>Technical Blog</b>	<a href="http://devops4itengineers.blogspot.in/">http://devops4itengineers.blogspot.in/</a>
<b>GITHUB</b>	<a href="https://github.com/Bharathkumarraju">https://github.com/Bharathkumarraju</a>
<b>Permanent Address</b>	10,kamaraj(street),6cross, 1 Lane, west Gandhinagar,avadi,Chennai-54

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

Date:

Place: Chennai.

(Bharathkumarraju D)