

BHARATHKUMARRAJU D

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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

- 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 7 years IT experience encompassing DevOps-Tools like(Ansible,puppet), UNIX/Linux Admin experience, and a Middleware/Application Server Specialist.
- Worked on Kubernetes Multimaster setup used manifest file with services,deployments to deploy docker containers across redhat atomic hosts.
- 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.

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

Technical Skills	
Container platforms	Openshift Container, Kubernetes
Languages	Shell scripting, Maven, HTML, XPath, and basic C/C++ and Python
Databases	RDS,Aurora,MySQL,Oracle
Version Control Systems	GIT and Subversion
Automation/Build Tools	Jenkins , Docker, Cliqr, Terraform, Artifactory, Puppet, Ansible, Bamboo, Rundeck, spring config server, ELK, Datadog, Newrelic, AppDynamics, Gradle
Virtualisation/Cloud	VMWare ESX/ESXi, Docker, Amazon AWS/EC2,VMWare vCloud.
Platforms	Linux, Unix and windows
Messaging	Apache kafka,Zookeepers,RabbitMQ

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

Projects Handled:

From April 2018 Onwards.

Got Selected in Delivion GmbH Hamborner Straße 16 45476 Mülheim an der Ruhr

Role: Cloud Platform Engineer

Responsibilities:

- Gather business and technical requirements from key stakeholders (product development and IT) focusing on increasing developer productivity, availability and business value.
- Create and recommend solution design options factoring in requirements, standards and current Infrastructure environment. Communicate and present solutions to the engineering organization.
- Provide expertise, input and troubleshooting support as one of the senior experts for IT infrastructure engineering.
- Understand current technology options and stay abreast of latest technology trends impacting hybrid cloud computing.

October 2016 - March 2018

Standard Chartered bank

Project : EDMl 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.
- 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.

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.
- 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.

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