Hareesh Chatarasupalli
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SUMMARY:

- I am a Strategic Solution Engineer & Enterprise Design Architect aiming to infra engineering and Automations development illustrated around 7 years of industry success. Ambitious and diligent with a drive for perpetuating the Digital mission and values.
- Migration and Implementation Experience various Areas like Digital transformations, Devops paradigm and EA solutions and CICD Framework in Various industries like Telco, Ecommerce, CorporatePortals, Mobiles App's, Enterprise Business app's, video streaming api's, and Global Web services .
- Innovative, Optimized and secure Cloud Infra Engineering which is run Linux platforms Environments on AWS, GCP, Azure & Digital Ocean and Orchestrations DockerSwarm, Kubernetes and Openshift.
- Collaborative with cross-functional team members to analyze potential system solutions based on evolving client requirements.
- Delivered Private or Public cloud services in a highly available and scalable production environments which is Sync from onprem to cloud and Vice versa.
- Fullstack automated **Build/Deploy Pipeline** enablement and **End-End Job** Setup of all the projects.
- Production engineering & Automation on **Cloud Services** IAAS, PAAS and Orchestration platforms
- Hands-On on migration and developing microservices on Orchestrations Platforms using **DockerSwams, kubernetes** and **Openshift** PAAS platforms
- Detailed assessments of risks to determine constraints and Develop, mitigation and Engineering strategies.
- Hands on Best Agile practices **ServiceNow, Atlassian JIRA**-Project plan, track, release and reporting of team
- Experience in Automation, Task Scheduler's scripting interface using **Go(basic)**,**Python and Bash**.
- Implemented and Maintaining Monitoring and Logging Solutions using Prometheus,Nagios, Dynatrace DataDog**,** CloudHelp, Status Cake, stackDriver, CloudWatch, Splunk ,ELK,EFK and Rsyslogd.
- Framework Build Built and Automated CICD Ops for Spring, SpringBoot, **JAVA**, Magento, Drupal, **NodeJS**, **Angular JS, Android and IOS Apps**.
- Implemented new software Environments and operating system roll-outs across business enterprise.
- Evaluated quality problems and performed team Alignments to identify and resolve issues.
- Working Experience in Micro services like **Dockers, Kubernetes** and **Openshift on Google cloud &AWS**
- Software application from its initial planning through retirement using **Application lifecycle management**
- Experienced in Upgrading/Migrating OS and Cloud services.
- Worked on **Data-Center operation and Cloud migration's** of N-tier Servers

Achievements: (in Overall Experience)
  ➢ 2 Projects Migration from On-prem DC to Cloud (7 layer and 9layer stacks)
  ➢ One project all app dockerized and kubernetes deploy
  ➢ One project all app dockerized and Openshift deploy
  ➢ 8 CICD frameworks Delivered
  ➢ Automated security scan and remediate.
  ➢ 2 times won best innovation Champion league 2018,2019
  ➢ Digital champion -2018

Technical Skills:

Operating Systems	: Windows 2008/2012, LINUX, RHEL, MAC
Source control tools	: Subversion, Source Tree, GIT, GitHub, BitBucket
CI Tools	: Jenkins, Bamboo.
Monitoring Tools	: Nagios,StackDriver,Prometheus, Cloudwatch, DataDog , DynaTrace and StatusCake
Cloud Environment	: VMware, AWS, GCP and Azure
Configuration MGMT Tools	: Puppet, Ansible and Chef(basic)
Orchestration	: DockerSwarm, Kubernetes, Openshift
Tracking tools	: atlassian jira, Bitbucket
Web/App servers	: Apache,Nginx,Tomcat,MFP
Databases	: MySQL, PostgreSQL,MariaDB, MongoDB
WAF	: Incapsula and Reblaze

EDUCATION:

- Bachelor of Technology in Computer Science and Engineering from JNTUK University (2010-2013).
- Diploma in Computer Science from Sir.C.R.Reddy Polytechnic (AU) , Eluru-AP—(2007-2010)

PROFESSIONAL EXPERIANCE:

Working As **Cloud Architect (Devops solution Lead)** in **RP international Malaysia** Aug-2018 to till now
Worked As **Senior Software Engineer (Devops Lead)** in **Prokarma Softtech** May-2018 to Aug-2018
Worked As **Devops Engineer** in **Echidna Software and Retail Kloud9 technologies** Oct-2017 to May-2018
Worked As **System Engineer** (Devops Operations) in **Trainz IT cloud Solutions** Oct-2016 to Sep-2017
Worked As **System Engineer and Network Engineer** (MSP and Cloud Ops) in **AscentIT** May-2013 to Sep-2016

Client   **: Celcom - Telcom** -Corporate Portal, Ecommerce, Mobile apps(ios/android)
Duration   **: May-2018** – Till Date
Role   **: Cloud/Devops infra Solution Architect and infra Engineering Lead**
Environment : AWS,GCP, Azure, Jenkins, Maven, Gradle BitBucket ,Git, NGINX, NodeJS , Angular, Drupal&MagentoCMS MongoDB, Mysql Redis, Hazalcast Docker, Kubernetes, Openshift, Terraform, Ansible, Splunk, EFK ,Prometheus, Alertmanger and OpenAPI and BSS Systems

Responsibilities:
- Based on CIS benchmark Checklist baking Shielded Application OS image of All Environment's and automated Staging/production environment setup using Ansible and Terraform
- Migrated 6 Layer architecture from on-prem and PrivateCloud to Public Clouds (AWS,GCP) and kubernetes
- Building and managing CICD Ecosystem environments on AWS,GCP & Azure like Dev,QA,UAT,Pre Production
- Provisioned and Delivered Private or Public cloud services in a highly available and scalable production environments which is Sync from onprem to cloud and Vice versa
- Used performance Monitoring that can be monitored using StackDriver, CloudWatch, Dynatrace, DataDog and Prometheus
- Implemented TOC plan Procedure's and Optimized Resource plan framework Delivered
- Develop, Configure and automate Continuous Delivery pipelines for software Dev, Delivery teams to run Daily Ops on Cloud infra (computing , Openshift, Kubernetes)
- Scalable Services Deploying on Micro services like Dockers, kubernetes and Openshift
- Performance & Tuning of our web and Applications using Jmeter and loadrunner with automated tasks
- Build the fullstack infra and deployment setup as Per Clients BSS Requirements in cloud & physical infra.
- Creating and updating Life cycle models and schedules, ELK and Splunk to build a log analysis.
- Collaborate with QA and Development teams on release schedules and content of builds, releases, and patches
- Creating, maintaining and presenting Production release documents for better understanding and streamline the process of KT to colleagues and subordinates in a team
- Configured and Maintaining ReBlaze and incapsula WAF's for Network Security and Application Security
- Conducting Security ITAudit ,Client meetings on Advancements.
- Managing Project Burnouts, Sprints & Ticketing using JIRA, Atlassian

Client   **: KHOLS (E-commerce) and T-mobile   (Telecom)**
Duration   **: Oct-2016 – May-2018**
Environment : GCP,AWS,Jenkins,Maven,ANT,Git, NGINX, Apache, MongoDB, Redis, Docker, Kubernetes, Openshift, Ansible, Puppet, , Splunk, ELK/EFK ,Prometheus,StackDriver and OpenAPI

Responsibilities:
- Maintaining and monitoring CICD environments on **GCP** and AWS like Dev, QA, UAT ,Pre-production & Production environments and Maintain and scale the fastest distribution cloud for smooth operations
- Provisioning and Maintaining Private or Public cloud services in a highly available and scalable production environments
- Used performance Monitoring that can be monitored using **StackDriver**, **Dynatrace, DataDog** and **Prometheus**
- Based on Business implementing TOC and Optimized POC Delivering .
- Configure and automate Continuous Delivery pipelines for software delivery teams and Deployment on Kubernetes and **Openshift**

- Scalable Services Deploying on Micro services like Dockers and kubernetes
- Managing GCP services like **Compute, Storage, Networking, stackDriver,Tools, pub/sub,BigQuery**,
- Improving performance & Tuning of our web and Applications and solve scaling/performance issues
- Managing and Deploying Services on Web Servers (Apache and Tomcat), DB Server (MySQL).
- Creating playbooks , Module for Automating Configurations/deployments setups.
- Setting up Manual and Automation Builds of Gradle,Maven and Ant .
- Project Tracking, Ticketing using JIRA, Atlassian
- Build the POC setup as Per Clients Requirements in cloud based and physical infrastructure.
- Setup/Managing **Cloud Security** services like VPC, Subnets , NAT instances, Load Balancers and make connection between different zones for Blocking suspicious ip/subnet via ACL.
- Experienced with setting up and troubleshooting common networking protocols (**i.e. TCP/IP, DNS, DHCP, SMTP, CIFS, FTP, SSH, SSL, iSCSI, LDAP,)**
- Implemented POC's of **Nagios core/XI/Prometheus/Grafana** for monitoring Infrastructure resources.
- Creating and updating Life cycle models and schedules, ELK and Splunk to build a log analysis.
- Collaborate with QA and Development teams on release schedules and content of builds, releases, and patches
- Creating, maintaining and presenting Production release documents for better understanding and streamline the process of KT to colleagues and subordinates in a team
- **Network Security** like Firewall rules VPN,NAT,ACL's and Log management.
- Daily BAU L2/L3 Calls Support on Linux ,Cloud and Secutiry Family infrastructure
- Conducting and organizing Security ITAudit,Client meetings on Advancements.
- Coordinating with different lines of services with SLA.
- Reporting on outstanding Problem Records Generation of Monthly Service Level Reports.

Clients : **Yabhi** (Ecommerce), **AlifMart**
Duration : **July 2013 – Oct 2016.**
Environment: Jenkins, Maven, Git, SVN, Puppet , AWS,GCP, LDAP, Nagios, Zabbix, Tomcat, Apache ,Docker VMWare ESXi, Red Hat Linux 5/6, and Open SUSE Linux.

Responsibilities:
- Maintaining and monitoring Dev, QA, UAT & Production environments i.e. to ensure they are always up &
running
- Performed regular builds and deployment of the packages/Images for testing in different Environments (DEV, QA, CERT, UAT and PROD).
- Provisioning and Maintaining Private or Public cloud services (Computing ,Storage,Database and Network) in a Highly available and scalable production environments
- Perform smoke and PERF tests to ensure the integrity of code deployment on Vm's/Dockers/Kubernetes
- Day to Day source Code Log analysis &Reporting ,Build and Release activity using Jenkins. Supporting of deployment in both Legacy as well as Linux environment.
- Based on Business implementing TOC and Optimized POC Delivering .
- Performance Monitoring using **Nagios, CloudWatch,StackDriver** and **Datadog**
- Troubleshooting of different types of Production environment (Linux and Windows) issue.
- Created the new Migration Development Console for the online Migrations.
- Building Servers using Custom Jumpstart for Solaris, Kickstart for RHEL Linux
- Creating a YUM repository that contains RPM.
- Deploy the release of software components into pre-production environments.
- Periodically analyze the hardware and software capacities of build infrastructure and provide appropriate recommendation to the Management team for improvements and immediate attention.
- Managing Servers using CM tool like Puppet, Ansible
- OPENLDAP configuration with remote authentication of users and make all users home directory data replicate to server
- Managing Infra Security Appliances & Managing sql / Nosql DB like Replica,Backups,Restore, slaves and Migrations
- Daily BAU L2/L3 Calls Support on windows , linux, AWS and Network Security
- organizing Security ITAudit,Client meetings

Certifications:

TOGAF®9 Certified Architect	: 140426
Certified Kubernetes Administrator	: CKA-1900-004979-0100
Certified Kubernetes Application Developer	: CKAD-2000-002399-0100
AWS SysOps Administrator Associate	: AWS-ASOA-7893
AWS Solutions Architect Professional	: 2V2T60HKGBQ4QZK3
AWS Devops engineer Professional	: 9RCYVEC1PMB4QKK7
Google Certified Associate Cloud Engineer	: ALWu8E
Google Certified Professional- Cloud Architect	: 11440046
CCNA Routing And Switching	: CSCO13034708
Scrum Fundamentals Certified (SFC)	: 736465
Six Sigma Yellow Belt Certified	: 703715
ITIL® Foundation - IT Service Management	: GR750489666HC

Career Profile

with a strong performance of implementing and Managing disruptive innovations in Cloud Dev/SysOps, Public and Private Cloud, Continuous integration, delivery, deployment and solution-based IT services including, monitoring, configuration, troubleshooting and maintenance.

Date :
Place:

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