Objective

**Venkata Krishna Chaitanya Polavarapu**

Solution Architect

+91 9177855274

**WEB Tools.**

* EMOC (Enterprise Manager Ops Center)
* Red hat Satellite
* Secure Sun Global Desktop.
* Oracle VM Manager for x86

**Scripting**

* Shell Scripting.
* Python Scripting

**Software**

* Oracle VM server for Sparc (LDOMs)
* Oracle VM Server for X86
* Oracle Cluster
* Oracle database
* Net backup.
* VM Ware
* Red hat Enterprise Virtualization

**Course completions**

* PlateSpin Migrate Administration
* Scrum Fundamentals Certified (SFC)
* Python Scripting
* Sun Secure Global Desktop
* OCI Architect Associate

**Certifications**

* Oracle Cloud Infrastructure 2019 Certified Architect -Associate
* AWS Certified Solutions Architect - Associate

**Awards**

* Pat on Back - 2
* Spot Award
* Kannada

A Successful, Experience technical professional having expertise in designing, implementing and managing the Middle and large scale of infrastructure and applications with 13 Years of experience. Specialized in Unix Administration, Virtualization and Cloud management.

Experience

**April 2017 - Present**

Tech Mahindra

**Position -3 Solution Architect Jan 2020- Till Date**

 **(Location: Hyderabad, India)**

* DesigningEBS lower environments for DevOps teams for Developments and testing
* Involved in EBS / database performance tuning
* Designing and migrating in-house applications on AWS Cloud
* Build compliant cloud environments to meet organization goals.
* Periodic reviews with Product owners on cloud platform and cost management.
* Implementation of elasticsearch POC
* Data loading, analyzing and creation of visualizations, dashboard based on the customer needs.

**Position -2 Solution Architect + product owner Jan 2018- Dec 2019**

 **(Location: The Hague, Netherlands)**

* Architecting the Migration of Oracle EBS environment to a new hardware (Super cluster)
* Designing Oracle EBS environments & Automation engine for high availability with Active-Active solution (across datacenters) and high performance to meet non-functional goals (RTO & RPO) of the organization
* Designing database backup solutions to achieve higher backup rate and less restoration time.
* Participate in vendor discussions to identify the right products to meet business requirements
* Designing automation needs to monitor and self-heal application and database failures.
* Designing live dashboards to report the system health and use the statistics to analyze latency issues.
* Performance analysis on infrastructure stack.
* Conduct Several POCs which will improve the availability and performance of the application and development.

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Solution Architect

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**Languages**

* Telugu
* English
* Hindi
* Kannada

Contact:
Flat no 507, Sangameswara Arcade, Lingojiguda, Saroornagar,
Hyderabad – 500035
+91 9177855274
Chaitanya.srinivasa@hotmail.com
chaitsri4solaris@gmail.com

* Sharing the role of PO with client.
* Creating product backlog, user stories.
* Prioritizing the user stories, review the sprint, tracking the project progress on daily stand-up calls

**Position -1 Offshore Delivery Lead April 2017 - Jan 2018**

 **(Location: Hyderabad)**

* Manage 24x7 Infrastructure Operations for Dutch Customer by onshore-offshore teams.
* SLA/KPI Management & Reporting
* Resource Management, skill development, IT Transition, Business Development & Project Management
* Responsible for stabilizing the operations of infrastructure support teams with FTE count of 40+
* Review security vulnerability reports and have the vulnerabilities fixed together with customer’s own support team.

**May 2016 – Mar 2017**

Cognizant Technology solutions

**Manager**  **April 2017 - Jan 2018**

**(Location: Hyderabad)**

* Manage 24X7 operations for an US Client
* Technical support on WebLogic applications
* Installation of Oracle RAC, Databases and troubleshoot issues related to application configuration.

**Feb 2014 – Mar 2016**

**Tech Mahindra Ltd**

Solution Lead

 (Location: Hyderabad)

* Installation, administration and maintenance of Unix systems
* Designed and implemented Enterprise manager Ops Center, Red hat satellite
* Designed and implemented Disaster recovery for Siebel application using Oracle Data base on Unix Operating system.
	+ Preparation of Infrastructure design documents.
	+ Scheduling the change and implement the design.
	+ Preparation of test cases and responsible to get them executed, thus tuning the systems to handle the load.
* Installed and configured VMware ESX server, Installing Virtual center, managing virtual machine resources, like resource pools, Vmotion.
* Built virtual machines with High Availability using VMware HA.
* Creating Virtual servers for fusion application servers by cloning and using templates.
* Installed and configured Load Balancer's in Round Robin mode to manage the incoming requests on to the Production servers.
* Implemented the project to migrate fusion application on Red hat OS, with hardware running on VMware platform.
* Migrated applications running on EOL Hardware to VMware machines and executed test plans.
* Responsible for defining the patch management strategy for UNIX platforms and ensuring the compliance.
* worked with Vendors like Oracle, HP, VMware to resolve all outstanding issues for mission critical applications

**July 2007 – Jan 2014**

**Wipro InfoTech**

Position 1: Technical Specialist & Unix Team lead May 2012 – Jan 2014

 (Location: Hyderabad)

* Handling escalated calls by team members for faster solutions.
* Responsible for maintaining the system uptime as committed with Client
* Involved in planning and architectural modifications in newly designed environment.
* Identification of RCAs for Major incidents.
* Planning the capacity of resources w.r.to hardware and software’s.
* Identifying of SIPs, Risks in the environment and working towards the closure.
* Implementation of Scripts using shell and Expect tools for automation of tasks.
* Performance Monitoring and tuning of Servers for Disk, Memory, CPU and Swap Utilization
* Starting/Stopping/failover/failback Cluster
* Co-ordination with Vendor for Hardware Issues/Troubleshooting
* Responsible for delivering trainings to team / other projects based on requirement.
* Build New Virtual servers using LDOMS
* Managing Virtual machines for higher uptime and availability.
* Implementation of server pools using OPS Center thus sharing the resources of multiple physical servers for LDOMS.
* P2V Migration using LDOMs, Dynamic Resource Management of Virtual servers from Console.
* OPS Center Installation, Configuration, management for Solaris servers.
* Implementation of OS Patching using Ops Center.
* Installation of OS with OPS Center on Solaris servers.
* Firmware Up gradation using OPS Center
* Built RHEV and virtual domains to migrate the physical servers.
* Built and configured OVM on oracle Linux.

Position 2: Senior Engineer – Server Management July 2007 – April 2012

 (Location: Mysore)

* Installing and supporting Solaris 10 and Solaris 11 servers.
* Administration of Solaris Servers.
* Responsible for User and password management
* Responsible for Incident, change and problem managements.
* Automations in Unix scripts for Server Maintenance
* Performing OS backups using snapshots, usfdump and usfrestore.
* Co-ordination with Vendor for Hardware Issues/Troubleshooting
* Starting/Stopping/failover/failback Cluster
* Viewing /Configuring / Rebuild Kernel Parameters
* SMTP Server Configuration & Troubleshooting
* Configuration of Auto FS/NFS and maintenance of OS file Systems
* Creating, mounting and managing file systems
* Performance Monitoring and tuning of Servers for Disk, Memory, CPU and Swap Utilization
* Planning technical upgradation requirements for Clients
* Patch Management through Live Update
* Preparing Plan of Actions for change requests and participating in CCB

Education

**2007 - 2011**

BITS – PILANI

MS – Systems Engineering

* Work integrated course
* CGPA – 6.95

Personal Details

Date of Birth: 06-Aug-1987.

Marital Status: Married.

References

References are available upon request.