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**CAREER OBJECTIVE**

To work effectively and efficiently in a prestigious organization, enhancing the reputation of the organization there by attaining the twin benefits of job satisfaction and steady professional growth. To acquire and learn new skills and technologies, which already holds my interest will take me forward in the correct direction and help me realize my dreams of having a necessary edge to compete in a global market place.

**SUMMARY**

* Total experience of 9.2 years .Currently working as DevOps Engineering [Consultant] on **DevOps and Agile Architecture**, v-cloud director and its vertical’s, chef configuration management, image building.
* Configuration Management System using [Chef]: Cookbook development and automation
* Hands on Version control system **Git/ Stash, SVN**
* Choosing a suitable DevOps tools. Setting up Configuration Management Environment, Set up configuration libraries with appropriate access controls
* Exposure on tools like Packer, Docker, Vapputil, Vault and Nexus
* Hands on integration tools like **Bamboo and Jenkins**. Configure Jenkins and created pipeline for all dev services cookbooks on Dev Cloud , stage cloud
* Template building on **vcloud/Stage cloud** director including **Red hat Enterprise Linux, Oracle**

**Enterprise Linux, Config Management SDK and Windows.**

* Ensure quality of one or more application codebases and alignment with development standards
* Establish DevOps Policies for the project.
* Performed various **Server administration** duties, and coordination of technical issues on operating systems
* Project experience on Installing, configuring and maintaining **VMware and Windows administration**
* **Fujitsu Eternus 4000 Model 300** SAN Implementation, administration, support & maintain of EQLOGIC SAN.
* Installation, Administration and Troubleshooting **Red hat Linux** 4, 5, 9 Fedora, Solaris, Windows 2000 & 2003.
* Experience in managing or supporting **Red Hat** Linux in production environments, Troubleshooting Network Issues, Installation, optimization, integration, virtualization, troubleshooting, backup/recovery, and security.
* Capable of working independently or leading teams and have the ability to effectively communicate with customers to meet their business needs.
* Installation & Configuration and administration of various monitoring tools (**Nagios, big brother, zabbix, zenos, Wily, SCOM, Wallboard and Site scope (Administration), Docker, Packer, Vault, Nexus.**
* Linux Server Hardening & Security of Linux servers.
* Worked on services like **NFS, DNS, HTTP, FTP, IMAP, POP, SMTP, SSH**
* Working experience on tools like Visual **Cron, Autosys, Actional, Introscope, spectrum, SEM, what up, Site scope, Chef, GIT/Stash, and Subversion.**
* **Database Administration** - **MySQL** database installation and configuration in Linux Systems.
* Experience on software **RAID and LVM**
* Server Backup Configuration and Restoration Taking remote backups with **Rsync and Tar** utilities, Incremental and non-incremental back up using **gzip,** Tape backup and recovery
* Software package administration using **RPM and YUM** & upgrade released by Red hat
* Exposure on **Kick start,** performing automated installations on multiple servers
* **DNS Server Administration** - Installing, configuring
* **Mail Server Administration** - Installation, Configuration.
* **FTP Server Administration** Installation, configuration
* **Samba server Administration** Installation, configuration
* **SSH Administration** Installation, configuration
* **Disk partitioning, mounting file system, disk quota management, LVM, software RAID.**
* **Kernel & Security** patching for Red hat Servers.
* Installation and configuration of **Brocade Fiber Channel switches**
* Expertise in developing **shell scripts** for monitoring or analyzing operation of infrastructure, log file reporting
* Configuration of HP **iLO2 Remote Administration Tool.** Managed Critical & Real Time Technical issues.
* Expertise in detecting, logging & prioritizing incidents and providing initial incident support.

**As a Scrum Master:**

* Responsible for handling all scrum ceremonies including Release planning, review, retrospective etc.
* Involved in resource planning (including recruitment of new resources) across various scrum teams.
* Responsible for Providing Estimations, Defining test strategies on different releases, tracking and monitoring work in progress using burn down charts
* Organizing and facilitating sprint planning, daily stand- up meetings, reviews, retrospectives, release planning, backlog grooming, demos and other scrum related meetings like QA Risk analysis, group reviews
* Setting up and managing task boards, burn down charts for ongoing sprints
* Removing barriers between development and customer so the customer directly drives development
* Removing impediments of the team for improving productivity and makes sure that is individual is busy with their tasks
* Scrum of scrum meetings and release planning meetings
* Preparation and presentation of Status Reports on Sprint basis/weekly basis, Final Status reports for the patch completion
* Audit, Quality Metrics and other Testing Artifacts preparation
* Resource movement across the scrum teams
* Closely working with: Project managers for identify cross-team dependencies and manage inter-team tasks
* Business Analyst to handle frequently changing requirements and updating those on Share Point Repository
* Knowledge Transfer Sessions to Team Members
* Implementing plans to improve delivery standards and presenting detailed reports to the Top Management
* Hands-on experience in identifying process loopholes by organizing meetings with spoc team
* Work with Technical team and develop improvement plans for planned and unplanned outages
* Coordination of technical issues and working as **SME** on critical events.
* Been a member of multiple teams involving High focused customers for critical operations.
* **Creative, innovative, and problem solver** who Is successful and enjoys team based work environment
* Capable of working independently and leading teams, have the ability to effectively communicate with customers to gain insight and propose solutions to meet their business needs.
* Project experience on **Event management team** mainly responsible for arranging and resolving production issues over **technical bridges**

**CORE COMPETENCY**

Linux Architecture, Windows administration, Virtualization, DevOps

**TECHNICAL EXPOSURE**

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| **Technology** | Languages : C, C++  Databases : MS SQL Server 2000/2005, MS Access, MySQL  Web : WebLogic and Apache servers, HTML, CSS, XML |
| **Virtualization** | VMware (Virtualization),ESX server ,Lab manager ,SAN storage ESX 2.X,3.X and 4.X |
| **Operating Systems** | MOM2005, ESX, Red hat, fedora, Solaris, Windows/XP/2000/2003/NT/Vista, |
| **Software/Tools** | Chef, Jenkins, bamboo, Vcloud Director, Nagios, big brother, zabbix, zenos, Wily, SCOM, Wallboard and Site scope (Administration), Docker, Packer , Vault, Nexus, |
| **Software ,application & Authentication tools** | Remedy , Entrust, CITRIX,Ms office, Symantec, Rally, |
| **Networking** | TCP/IP,DNS,DHCP,WINS,SNMP,TELNET |

**EMPLOYER DETAILS:**

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| **Current Employer : MasterCard** |  |
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| **Project : Dev Services** |  |
| **Role : DevOps Consultant / Scrum Master / Leader**  **July 2015 – till 20 Feb 2017** |  |
| **Company : Fiserv** |  |
| **Project : Distributed system operations DSO** |  |

**Tenure: July 2010 – till June 2015**

**Employer : Zensar Technologies**

**Project : WISE , AVAYA**

**Tenure : Feb 2008 – till June 2010**

**Collective Responsibilities:**

* **Configuration Management System [Chef]:**
  + CMSDK: Migrate to ChefDK - deprecate RVM. Update Docker driver to support Docker v1.7 / v1.8
  + Evolve and document process of extending Chef client embedded Ruby to account for new dependencies
  + Define and document MC standard for Chef Client version management
  + Update Chef client across multiple contexts to meet new standard
  + DEFECT: Config Management SDK v. 2.10.2 legacy Docker image present in new templates
  + Develop simple validation script and establish CI plan to validate new/modified dev repo content
  + Create pull requests on **GIT/STASH**, Fix the bugs as required
  + Creating, validating and testing cookbooks. Chef cookbook development workflow
  + Pushing code to GIT and SVN , Perform code reviews
  + Establish CI project for package integration workflows
  + Apply repository and ACL configuration to production using Chef
* **Image building/Base OS images build:** 
  + Building JEOS [Just enough operating system build] Image
  + Creating, validating and testing JSON files. Writing kick start files
  + Creating Stem cells of different instance types ; building ISO through mkiso
  + Rebuild Dev Cloud Templates using Oracle Enterprise Linux and Identify any resulting issues
  + Dev Cloud - Build Windows 8.1 Base Images and VM Templates from scratch
  + Source chef content for base OS image build process. Provide single virtual disk image
* Various Template building on vcloud/Stage cloud director including **Red hat Enterprise Linux, Oracle**

**Enterprise Linux, Config Management SDK and Windows.**

* Hands on Version control system Git/ Stash, SVN
* Migrate to Jenkins cookbook integration pipeline: Dev Services cookbooks
* CM Pipeline: Define User/Group RBAC Schema for CM content upload to Nexus
* Exposure on tools like Packer, Docker, Vapputil, Vault and Nexus
* Create Cookbook to configure Spacewalk services on node. Connectivity for Spacewalk from Stage-iDMZ
* Stem Cells created in Stage Cloud vCD Organizations
* Prep DTL Admin environment to support stable Chef Server and Supermarket
* Create Deployment Unit consisting build (an executable collection of components), documents (end-user support material and release notes) and installation artifacts.
* Preparing Delivery definition / Release Note / Production turn-over Note documents
* Enhance mc\_nexus cookbook to use Crypto Vault. Model a Production-like Nexus service in Dev
* Establish Secret as a Service (Vault) Demo instance in Dev Cloud
* Setting up new network South Asia. Dev Cloud South Asia: Launch BYOD Service, Secondary Firewall Configuration & Validation, Establish Auto renewal service.
* Update Dev Cloud US region to vCD 5.5.6.
* Working on Automation tools like Spacewalk (Satellite Server), Puppet, Vagrant. Change management
* Controlled hosting of Base OS Images including catalog and ACLs. Modeled Bamboo Agents
* Template building using Packer: Integrate Linux firstboot automated configuration into build process. Also handled migration from vapputil tbuild to Packer
* DTL-Admin: Demonstrate deployment of a service stack to the extended network
* Exposure on VCloud director, Administration. Update Solaris build scripts to use new IP range
* Designing the RBAC model for different users and group
* Update CI plan to publish cookbook artifacts to the SVN global repo
* Add Support for OS generic/app IDs for Chef Services. Configure NTP client on standalone Win images
* Reintroduce McAfee VirusScan to Win 2012 MCTEST/WORKGROUP templates
* Update jeos build process to accommodate GIT hosted kickstart configs and new IP addresses
* Work Experience on Agile. Application configuration management and deployment with Jenkins
* Ensure the all Change Requests are logged. Record time spent in planning activities.
* Establish DevOps Policies for the project and choosing suitable DevOps tools.
* Assist in routine back-up and archival of project repository in accordance with Projects DevOps policies
* Assist in Creating and maintaining Configuration and Change Management Plan for the project.
* Setting up Configuration Management Environment, libraries with appropriate access controls.
* Ensure quality of one or more application codebases and alignment with development standards
* Designs highly complex applications, interfaces and integration with a modest number of systems
* Integration work at an enterprise level using third-party middleware or messaging products, or by designing and implementing custom interfaces and mapping for those interfaces
* Responsible for performance engineering of the enterprise software architecture, and providing functional guidance, advice, and/or training to other application developers
* Actively participate in creating Features/ iteration planning and Story writing during the Release Planning
* Creating and maintaining Configuration and Change Management Plan for the project.
* Provides input into performance appraisal process for some junior employees or team members
* Integrates at an enterprise level using third-party middleware or messaging products, or by designing and implementing custom interfaces and mapping for those interfaces
* Responsible for performance engineering of the enterprise software architecture, and providing functional guidance, advice, and/or training to other application developers
* Ensure all activities related to customer supplied products are performed.
* Modest advanced code development, code review and day-to-day support duties
* Group-wide and external public speaking and other communications conveying domain level directions
* Researching and evaluating tools to support domain-specific needs
* Managed around 2500+ servers (Virtual and Physical) located across 5 data centres in USA and UK. Responsible for managing production test/ environments.
* Performance monitoring, tuning and troubleshooting like Resolving disk space issue, System performance, CPU at critical level, network issues, booting problem. Patching on servers and software installations as per reqs.
* User Administration, assigning sudo permissions, cronjobs, account operations
* VM quota and file system management, Server Security configuration, Server hardening
* Virtualization using VMware (administration) Creating virtual machines, Increase disk space for Linux and Windows virtual machines using LVM.
* Hyper-V VM creation, Network configuration, resource allocation, backups and overall management.
* EC service account lockup process. Performing change requests (CRQS)
* UNIX support includes monitoring DEV, Cert TEST & PROD servers, resource utilization & resolve problems
* SSL installations on windows and Linux. 3 triple DES keys installation & Looking for bad keys
* System Installation, optimization & integration, Active directory users
* DNS record added to EC domain, DNS server able to update the domain name as requests from Clients
* Adding multiple DNS entries with ability to add multiple DNS entries at once
* Enabling Port services and handling Ports failure. User administration on Etrust
* Server Administration like restarting Services on client request and troubleshooting them , file system full, File system mount issues. Log Analysis, finding errors, fixing them and perform tests
* Monitoring through various monitoring tools Wily, SCOM, Wallboard and Site scope and performing Server Maintenance activities.
* Preparing Daily report of Server for the client through SAR. Preparing and maintaining documentations
* Tickets assigned to the DSO team related to production and non-production issues, server disk space alerts, server services alerts, backups, or file restores. .
* Troubleshooting wallboard alerts, Basic Cluster administration, Application level troubleshooting.
* implementing plans to improve delivery standards and presenting detailed reports to the Top Management
* Work on requests using BMC Remedy ticketing tool and We follow ITIL process
* File transmissions using Visual Cron tool. Monitoring the settlements (payment systems)
* File generation and file deliveries (MEMO and SETTLEMENT files ) to wide customers
* Administration, maintenance and support for IVR servers (Real Time Payment System)
* Site scope , What’s up pro monitoring tool and resolving the production issues
* VOX print creation/ administration. Report generation using report Generator
* Working on Import failures and Report checker failures. Handled FTP failures issues
* Work on requests using BMC Remedy ticketing tool and We follow ITIL process
* Expertise in detecting, logging & prioritizing incidents and providing initial incident support
* Creating dashboard, created standard of procedures and process related documents
* Work with Technical team and develop improvement plans for planned and unplanned outages
* Suggested Backup policies and implemented through scripts with recovery mechanisms and security
* **VMWare**
  + Managing & configuring ESX host and virtual machine in VMware Infrastructure environment.
  + Installing, configuring, maintaining VMware Esx/Esxi( 4.0, 4.1), Vsphere 4.1 and Virtual Center 4.0, 4.1
  + Provisioning VM’s using Standard VM templates and using VMware view administrator.
  + Cloning of VM’s (Hot & Cold), creating & managing snapshots.
  + Deploy and manage virtual machines, Managing ESX servers through Virtual Center.
  + Adding different Storages like NAS, iSCSI & FC to the Virtual Center Farm.
  + Troubleshooting on Virtual Machines, Virtual Center server and ESX host.
  + VM quota and file system management, Server Security configuration, Server hardening
  + Virtualization using VMware (administration) Creating virtual machines, Increase disk space for Linux and Windows virtual machines using LVM.
  + Hyper-V VM creation, Network configuration, resource allocation, backups and overall management.
  + An implementation services to Deploy, Configure and test VMware Lab manager environment.
  + Knowledge on P2V and V2V conversions by using VMware converter.
  + Virtual Machine Migration concepts like vMotion and Storage VMotion.
* **Server**
  + Building new servers (Linux, Windows) on VMware. Configured LAMP stack (Apache,PHP & MySQL)
  + Installed Apache httpd in lab and production environment, enabling the SSL on the Apache Tomcat web for the secure instance
  + Assist DBAs & developers in the UNIX environment, resolve CVS, Remedy issues, management of Apache Web Servers etc.
  + Configuration of NFS servers to share the resources across multiple environments. Setup AUTOFS and auto mounted the file systems using direct/indirect maps and soft/hard mounts.
  + Checking Error logs ( System and Application logs) of server
  + Configuring monitoring tools for servers, , Monitored systems using tools like Sar, vmstat, iO Stat
  + Documenting server configurations and operation procedures
* **ESX**
  + Patching an ESX host with Update Manager Plug-in.
  + Configuring Linux in a ESX environment through virtualization, automated installations like Kickstart. Created Clusters, resource pools and Adding new ESX hosts
  + Monitoring VMs & ESX servers (CPU, Memory, Disk, Network utilization)
  + Creating Clusters, resource pools and Adding new ESX hosts
  + Configuring Linux in a ESX environment through virtualization ,automated installations
  + Configured NIS Servers and clients. Creating Clusters, resource pools and Adding new ESX host
* UNIX support includes monitoring DEV, TEST & PROD servers, resource utilization & resolve problems
* Installed patches, packages for security vulnerabilities for Linux Tuning and rebuilding of kernel on Linux Boxes
* Create and schedule shell scripts for backup, monitor. to automate tasks and monitoring
* Monitor sys logs of all UNIX, Linux systems with automated scripts & resolve the problems
* Implemented different RAID level for maintaining Data redundancy.
* Support Logical Volume Manager, SAN & monitor file systems with the help of scripts
* Configuring Linux in a ESX environment through
* Troubleshooting DNS, Active Directory and DHCP related issues.  Service Account Creation.
* Check the Net Backup report and job’s for successful completions Weekly and daily Backups
* Installation, configuration and maintenance of LVM.
* Configuring yum server and updating packages to yum repository.
* Reports generation through SAR and other tools
* Monitoring the various backup jobs to ensure the system adheres to server principles
* Set up Quotas for the user accounts & limiting the disk space usage.
* Working on misc and adhoc request through Remedy and on production Bridges
* Communicated with vendors like Dell and HP, Fujitsu for hardware issues.
* Regular resource monitoring helps to trace resource crunch & take preventive actions, report statistics and trends on usage. Knowledge transfer to System administrators, prepared detailed documentation
* **SAN**
* Installation and configuration of Brocade Fiber Channel switches
* Installation and configuration of Fujitsu Eternus 4000 Model 300 SAN
* Configure and test Lab setup, LUN masking, LUN Zoning.

**ONSITE VISITS**

* Worked for **Distributed Systems Operations (**DSO Linux ) at **Norcross Atlanta USA** in **2011**
* For **Distributed System Operations** at **DALLAS Texas USA in 2012.**

**ACADEMICS**

* **RHCE** (Red hat certified Engineer el5) with score of 98 %
* **MCP** (Microsoft Certified professional) with score of 87 %
* Post Graduated in MCA **Masters of Computer Applications** from Pune University