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| ITIL.jpgC:\Users\Dell\Desktop\VMware.png | | | | | CertPowerSystems_color | | | | | EL7 VIJAYAKUMAR | | | | | |
| EL6 RAMASWAMY KALIAPPAN  EL4 | | | | | |
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| E-Mail | : | VijayakumarRK81@Gmail.Com | | | |
| Mobile | : | +1 630 788 7304 | | | |
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| **Summary:**   * Fifteen plus years of experience in Linux administration, AWS cloud Administration, DevOps Engineer (Jira & ALM, CICD IBM UCD, Github, Jenkins), Microsoft windows administration, Desktop support and Application support. * Experience various Linux environments Red Hat Enterprise Linux, Oracle Linux, Solaris, Ubuntu Linux, AIX, Fedora Linux. * Experience and Familiar with Virtualization technologies like installing, configuring, administering VMware ESX/ESXi and Citrix Xen Server. Created and managed VMs (virtual server) and involved in the maintenance of the virtual server. * Experience in Agile methodologies and Application life cycle management products (Atlassian Jira, qTest, Githhub, SVN, Nexus, IBM RTC, HP ALM, NeoLoad) * Experience in Scrum, Kanban, OWF agile and SAFe agile concepts. * Managing and debugging issues AWSenvironment for in-house and cloud deployments (S3, EBS, EFS, IAM, EC2, Auto scaling, Route53, KMS & RDS) * IaaS (Infrastructure as a Service), Experience in computing infrastructure, physical or virtual machines and other resources (disk image library, block and file-based storage, firewalls, load balancers, IP addresses, virtual local area networks etc) * Understanding of networking concepts, (Configuration of networks, router configuration and wireless security, TCP/IP, VPN, Content Filtering, VLANs, and routing in LAN/WAN, Ethernet Port, Patch Panel and wireless networks.) * Understanding of networking fundamentals and network security. Installation, Configuration and managing Firewalls like SonicWall, commgate & quickheal with content filtering, Anti-Spam, Web filtering, NAT, Application Publishing to public IP, Port Forwarding, log analyzing with Syslog Server. IPsec VPN, Proxy servers and Gateway OS (Clear OS, Commgate and Untangle). * Installation, configuration, maintenance of Red Hat Linux servers (NFS, LDAP, FTP, DHCP, SSH, SAMBA, CVS, Kickstart, License Management and patches installations). * Installation and configuration of the printer, Samba server, User accounts management and configuring Disk Quota’s. * Microsoft windows Domain configuration AD, Group policy, user management, DNS and File system management * Experienced in installation, configuration, design and ongoing maintenance of Cisco router and switches. * Worked on Docker container to create Docker images for different environments. Good Exposure on Virtualization and Containers Docker. * Experience with x86 / x64 Intel, HP, IBM & Dell hardware like rack-mounted servers, tower servers, desktop, laptop and other peripherals. * Experience in Server monitoring, capacity planning, application monitoring with the help of IBM Tivoli, Nagios, Dynatrace, Splunk * Handling day-to-day User Administration tasks like adding, deleting and modifying user data and documenting all user data in a centralized location. * Performance tuning of Linux machines in the environment by kernel parameter tuning, identifying process that hog the system resources and containing them. * Experience working in customizing the Kickstart and Jumpstart scripts to automate the installation of various servers used for various internal projects. * Responsible for Backup and Recovery operations of various servers using LVM, RAID, SAN and NAS Backup. * Working Knowledge on using and developing Shell, Perl and python scripts used to automate day to day administrative tasks. * Responsible for OS maintenance activities like upgrading the OS, updating the services and third-party software’s. Remote session management NX and VNC server * Have tested various Linux Environments in the Development/Test Stages to help create a better standardized environment and resolutions of any problems if any occurred. * Providing L1, L2, L3 supports for Linux and Windows environment. Alert, events, process, network, workflow monitoring. Incident and change management. | | | | | | | | | | | | | | | | |
| **Technical Certificate:** | | | | | | | | | | | | | | | |
| * AWS Associate Architect and AWS cloud practitioner certified   Validation Number P47MW3YBJJF4Q7SK   * RHCE (Red Hat Certified Engineer) EL4, EL6 & EL7. | | | | | | | | | | | | | | | |
| Certificate Number: 110-773-496. | | | | | | | | | | | | | | | |
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| * VMware Certified Professional 5 (Data Center Virtualization) | | | | | | | | | | | | | | | |
| Candidate ID: VMW-01515980T-00490255 | | | | | | | | | | | | | | | |
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| * IBM AIX Administration 6.1 Certified with 87% score. | | | | | | | | | | | | | | | |
| Candidate ID: SR7081955. | | | | | | | | | | | | | | | |
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| * ITIL Foundation Examination V3Certified with 80% score. | | | | | | | | | | | | | | | |
| Candidate Number: 02380259-01-V131. | | | | | | | | | | | | | | | |
| **Education:** | | | | | | | | | | | | | | | |
| **B. Tech (Information Technology), First class with 65%** (2002 – 2005), Anna University, Sasurie College of Engineering, Vijayamangalam, Erode. | | | | | | | | | | | | | | | |
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| **Diploma in Electrical and Electronics Engineering (D.E.E.E) First class with distinction 88.33%** (1998-2001), Sri Ramakrishna Polytechnic college, Coimbatore. | | | | | | | | | | | | | | | |
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| **Technical Skills:**   * **Operating Systems**: Linux (RedHat 4,5,6,7, CENTOS 4,5,6,7 & SUSE, Ubuntu, Mandriva, Debian, Fedora ), Solaris, IBM AIX, Windows * **Hardware**:M5000, M8000, T5220, T5240 Sun E15K, E25K, Sun Fire 6800/4900/3800, Sun Fire 490/280, v880/v890, Sun Enterprise Servers E6500, E4500, E3500, Work Group Servers E450, E420, E250, E220, Netra 1405, Netra X1, Ultra 80, 60, 30, 10, 5, 2, 1, Intel Servers, IDRAC * **Networking**: TCP/IP, NIS, NFS, FTP, DNS, DHCP, Samba, Apache, SMTP, SSH, IP-Tables * **WEB Technologies**: IIS. APACHE & Web Sphere * **Cloud technologies**: AWS, IBM Softlayer & Rackspace * **Programming, Scripting Language & Databases:** UNIX Bash & Shell Scripting, Perl Scripting, MySQL, Oracle, MSSQL, MS Access. * **DevOps Tools:** HP ALM, Atlassian Jira, qTest, IBM RTC, CI/CD IBM Urbanclode UCD, Jenkins, Maven, Gradle, Apache Ant, Github, Neoload, qTest, Docker and Kubernetes. * **Firewalls:** IPsec VPN, Proxy servers and Gateway OS (Clear OS, Commgate and Untangle). Commgate & quickheal * **AWS Service & Security:** S3, EC2, EFS, EBS, VPC, Lambda, SNS, SQS, Cloud watch, Cloud Trail, Auto scaling, Trusted advisor, ELB, AWS Firewall manager, AWS Shield, WAF, Config, Secret manager, IAM, ACL, security group and KMS * **Monitoring Tools: Nagios,** IBM Tivoli, Wiley, Splunk and Dynatrace, * **Other Software/ Tools**: Open TEXT, RAID Technologies, SSL and CA Mainframe * **Tickets tools** : HP SNOW, HP AYS Service now and IBM TSRM * **Protocols:** TCP/IP, UDP RIP, OSPF, SNMP, SMTP, TELNET, FTP | | | | | | | | | | | | | | | |
| **Experience Summary:** | | | | | | | | | | | | | | | |
| * Organization: Cognizant Technology Solutions, United States | | | | | | | | | | | | | | | |
| Designation: Tech Specialist (Senior Associate) | | | | | | | | | | | | | | Jan’2013 – Till Date | |
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| * Organization: TANMIC / Zaikenn Technologies Pvt Ltd, Coimbatore | | | | | | | | | | | | | | | |
| Designation: Linux system Administrator | | | | | | | | | | | | | | Apr’2007 –Nov’2012 | |
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| * Organization: Invite Systems and Solutions, Coimbatore | | | | | | | | | | | | | | | |
| Designation: Technical Support Engineer | | | | | | | | | | | | | | Aug’2005 – Apr’2007 | |
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| **Professional Experience:**  **Client - Blue cross blue shield / Health Care Service Corporation (HCSC)**  **Naperville, Illinois, USA**  **July 2017 – Present**  **Senior DevOps Engineer.**   * Administrator for DevOps tools HP Application lifecycle management (ALM), IBM Rational team concert (RTC), JIRA, Jenkins, qTest, GitHub, Neoload and CI CD IBM Urbancode UCD * Administrator for case management tool (I-sight) and Enterprise information management tool (Open Text) * Dockers configuration and management in RHEL 7, AWS Administration (storage, Networking, Monitoring and log management) * Implementation and manage the Agile and SAFe concepts which includes Scrum, Kanban, OWF agile methodology. * Manage system installation, troubleshooting, maintenance, performance tuning, managing storage resources, network configuration to fit application and servers. * Managing and debugging issues AWS environment for in-house and cloud deployments (S3, EBS, EFS, IAM, EC2, Autoscaling, Route53, KMS & RDS) * AWS billing and budget, Cloud watch alarms, Cloud watch events, Cloud Trails, Config, master account management and etc., * Managing team and project management, Monthly and weekly report to the management. * Performed regular installation of patches using RPM and YUM, Suse YAST Awk, Sed commands to pass over the inputs to file searching. * Static and dynamic webhosting using IIS and Apache web servers. Strong knowledge IIS, Apache service supporting, deploying, administering, implementing and troubleshooting. * Build and deploy the webhosing with Websphere, Jboss, PCF, IIS and Apache servers. * Troubleshooting of day to day system and user problems various Servers on different platforms. * Configuration, Administration and maintenance, Servers support included NFS, LDAP, NTP, FTP, users setup/troubleshooting. * Experienced in branching, tagging, releasing and maintaining the versions across the environments using version control systems like GIT and Subversion (SVN) on and windows and LINUX platforms. * Installing and configuring Splunk monitoring tools on the app and web servers to monitor the performance of the application. * Standardize and implement Splunk Universal Forwarder deployment, configuration and maintenance in Linux and Windows platforms * Managing SSL certificate for all the servers (Application servers, IHS servers and Proxy servers). * Experience with container-based deployments using Docker, working with Docker files, Docker images, Docker Hub, Docker Compose and Docker registries and Kubernetes. * Experience working on several Docker components like Docker Engine, Hub, Machine, Compose and Docker Registry. * Experience in setting up the automated build on Docker HUB, and managed Docker orchestration * Managed Kubernetes charts using Helm, Created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files and Managed releases of Helm packages. * Worked on creating the Kubernetes Pods, Services, ConfigMaps, Deployments and Rollouts by writing the YAML and creating the resources using kubectl. * Created Pods using Kubernetes and worked with Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes. * Deploying windows Kubernetes cluster and Utilized Kubernetes and Docker for the runtime environment of the CI/CD system * Installed nginx yum repositories on Linux servers for proxy and load balancing over different environments. * Experience in Shell scripting Bash to automate system administration jobs * Involved in deploying the content cloud platform on Amazon Web Services using EC2 and S3 * Continuous Deployment and Configuration Mgmt. IBM Urbancode UCD (CI/CD) capabilities. * Experience or good understanding of container such as Docker. * Experience in designing end to end automation of infrastructure and continuous delivery of the applications using Multi-branch and GitHub organization Jenkins Pipelines integrating Jenkins, Artifactory (artifact management), GitHub and installing ssl certificates. * Worked on creating the Docker containers, Docker images, tagging and pushing the images and Docker consoles for managing the application life cycle. * Build Bash, Python Script to run weekly and daily scheduled cron jobs. * Written SQL Queries to import data in database. * Experience in SAN, ISCSI and NAS storage. Handling the LAN, WAN and networking issue. * Experience in HP AYS, SNOW, Service now. Create the change ticket and follow with several required teams and complete the change activity. (Approvals, CAB team, and other required teams)   **Environment and tools:** AWS, RHEL, Centos, Bash, Python, LVM, MYSQL, Windows, HP SNOW/ ServiceNow AYS, HP ALM, qTest, I-sight, Jenkins, Maven, Gradle, Apache Ant, Sonar, Nexus professional, Neoload, Selenium, Github, IBM Urbancode UCD and Artifacts,  **Client - Anthem US Inc**  **Nov2013 – May2017**  **Senior System Engineer (Linux and Windows administrator)**   * Performed tasks like managing User Accounts and Groups, managing Disks and Filesystems * User management and Disc quotas. * Managing IIS and Apache webservers * Checking the Logs for errors and troubleshoot errors related to it. * Experience in installing ssl/Tsl certificates over Apache web servers * Performed RPM and YUM package installations, patch and other server management. * Perform server backup and recovery operations * Various monitoring Tools are used to monitor all the servers and Network devices for Dev, SIT, UAT, PERF, and PROD servers. * Performed team lead role and assigned tasks to all team mates with efficiently. * Analyze P1, P2, P3 and P4 tickets and provide the solutions with necessary teams within the SLA limit. * Prepare the RCA document for acknowledged alerts tickets and problems. * Interact and provide the solutions with the different teams like Websphere, Network, BPM, MQ, Windows support and Midrange support. * Troubleshoot and fix the applications issues with all the environment teams. * Create the change ticket and follow with several required teams and complete the change activity. ( Approvals, CAB team, and other required teams) * Create Incident, Work order, change ticket using IBM TSRM and HP SNOW ticketing tool. Also tracking all the tickets and find the status of all the tickets. * Maintaining clear documents of IT Infrastructures.   **Environment and tools:** RHEL, Windows, Bash, LVM, MYSQL, HP Service now, IBM Tivoli, IBM TSRM, BMC remedy,  **Client - Rackspace US Inc**  **Jan2013 – Nov2013**  **Linux Administrator**   * Deploying Red Hat Linux, and windows servers in fast paced environment * Manage logical Volume manager on Red hat Servers. * Installation and configuration of Red Hat Linux, Solaris new server builds as well as during the upgrade situations. * My role involved in resolving, troubleshooting and analyzing the tickets. * Rackspace owned Monitoring Tools are used to monitor all the servers and Network devices. * Performed regular installation of patches using RPM, YAST and YUM, Awk, Sed commands to pass over the inputs to file, searching * Taking backup using tar and recovering during the data loss. * Experience in Shell scripting bash to automate system administration jobs * Follow the procedure for all the events as described in the Rackspace Wiki. * Prepare the RCA document for acknowledged events. * Analyze the Linux, windows and network tickets (low disc space, LDAP, DB issue, network issue Kick in the rack (KIR) and scripts. * Troubleshoot and fix the Software issues in Windows and Linux environment. * Maintaining clear documents of IT Infrastructures.   **Environment and tools:** RHEL, Centos, Bash, Python, LVM, Rackespace Ticketing tool  **Client - Toshiba Corporation (Japan) / Sitar /Hmicro**  **Jan2009 – Nov2012**  **System and Network Administrator / SRE**   * Administration and maintenance of Red hat Linux * My role involved in resolving and troubleshooting remote access, backup, login and storage related issues. * Manage system installation, troubleshooting, maintenance, performance tuning, managing storage resources, network configuration to fit application and database requirements. * Upgrade the application and Fix Activities. * Deploying, administering, implementing and troubleshooting of Web servers IIS and Apache * Troubleshooting of day to day system and user problems various Servers on windows and Linux both. * Implemented various RAID solution such as RAID1 , RAID5 &etc., * Experience in Shell scripting bash to automate system administration jobs * Creation and deletion of users and Authenticating the user's login * Installation, configuration, administration and troubleshooting and sharing resources. * My role involves resolving and troubleshooting backup related issues. * Troubleshoot and fix Hardware and Software issues in UNIX platform. * Configured NFS share on CentOS server to provide required access to clients. * Configured Mirroring for High Availability. * Maintained clear documents of IT Infrastructures.   **Environment and tools:** RHEL, Centos, Ubundu, Madriva, Suse, Solaris, Vmware V-center, Citrix Zenserver, Bash, Python, LVM, RAID, NAS, SAN, Commgate, Untangle  **Client - Texas Instruments (Dallas and India) / Sonicchips**  **Apr2007 – Jan2009**  **System and Network Administrator/ SRE**   * Provided resolution for all the level of end to end support (L1 to L4 Support). * Provided suitable solution for customers, understand the requirement, propose the suitable storage systems for their environment, Storage and Quota sizing as per the requirement. * Worked on User administration setup, maintaining account, Monitor system performance. * Experience in system Software installation and configuration of NFS shares, Auto-Mount, DHCP and LDAP * Manage SAN and NAS for Red hat Servers. * Hosting the web sites in IIS and Apache webservers. * Troubleshooting day-to-day server related issues and problems in terms of operating system, applications and network * Installation of SAMBA server for interface between Linux servers and Windows servers to share files. * Experience in Shell scripting bash to automate system administration jobs * Provided the timely solution to users on issues. * Implemented various RAID solution such as RAID1 , RAID5 and etc., * Creation and deletion of users and provided the authentication for the users login. * Installation, configuration, administration, troubleshooting and sharing resources. * Troubleshoot and fix Hardware and Software issues in Windows and Linux environment. * Configured NFS share on CentOS server to provide required access to clients. * Maintained the point to point data Leased line across various locations * Maintained clear documents of IT Infrastructures.   **Environment and tools:** RHEL, Centos, Ubundu, Madriva, Suse, Solaris, Vmware V-center, Citrix Zenserver, Bash, Python, LVM, RAID, NAS, SAN, Commgate, Untangle | | | | | | | | | | | | | | | |
|  | **Personal Profile:** | | | | | |  |  | | | | | | | |
|  | Full Name | | | | | | : | Vijayakumar Ramaswamy Kaliappan | | | | | | | |
|  | DOB | | | | | | : | 29-06-1981 | | | | | | | |
|  | Visa / validity | | | | | | : | H1B / Dec 2023 | | | | | | | |
| I, hereby declare that the information furnished above is true to the best of my knowledge and belief. | | | | | | | | | | | | | | | |
| Date | | | : |  | | | | | | |  | | | | |
| Place | | | : |  | | | | | | | (Vijayakumar RK) | | | | |