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| **A.VIVEK YOGANAND Patch Manager (IT)**  **rhel7.vivek@gmail.com**  **+91 8904942611** | |
| * Key Skills  |  | | --- | | ***IT Security & Infrastructure*** | |  | | ***Datacentre Operations***    ***DevOps Engineering***    ***IT Budgeting & Governance*** | |  | | ***System Administration*** | |  | | ***Agile Project Management*** | |  | | ***Effort & Cost Optimization*** | |  | | ***IT Budgeting & Compliance*** | |  | | ***ROI Analysis & Management*** | |  | | ***Business Strategy & Execution*** | |  | | Redhat Certified Engineer in **Linux RHCE – 7.0**  Targeting assignments as **Infra Lead** **/ DevOps Engineering** with an organisation of repute  **Industry Preference: IT**  **Location Preference: Bangalore / Overseas** |
| knowledge24x24icons Profile Summary |
| * Redhat Certified Professional with **over 6 years** of experience in **IT Security, Data Centre Operations and Infrastructure Management** * Directed **security risk assessment/analysis**; reviewed security policies and performed security assurance reviews * Monitored risk & vulnerability assessments and risk-based security reviews; ensured network availability and maintenance of **disaster recovery stance** * Led deployment of various **applications & troubleshooting** in **Cloud Infra** * Excellent troubleshooting skills both with hardware and software in patching environment * Conceptualized customized solutions as per client needs; drove service improvement plan and suggested value-adds * Skilled in technical project management including scheduling with clients for iterative product development and delivery, balancing work distribution to meet project deliverables & delivery timelines * Experience in implementation of infrastructure practices as part of **CI and CD** * Skilled in **installation, testing, operations, version control, audit, troubleshooting and maintenance of the systems** * In-depth knowledge of Networking Technologies such as **DNS, DHCP, FTP, NIS, NFS, TCP/IP, UDP, HTTP, SSL and LDAP** * Effectuated the development of IT solutions, supported end users and motivated technical staff to achieve objectives * Active participated in **Agile** **process** like **Scrum Kanban** and so on * Trained and certified by **IDRBT – RBI (Cyber Defence for Banks, Hyderabad) – 2017** * Turned around IT organization for improved effectiveness, using IT as business tool to conceptualize and deliver innovative solutions * Successful track record of leading and managing large technology organizations, innovations, operational excellence initiatives, technology and organizational transformation |
| Certifications   * **RHCSA, RHCE, Redhat Certified Engineer, 150-190-429** * **IDRBT, Cyber Defence for Banks, RBI (India)**   Education  **Pursuing Philosophy of Doctorate,** Anna University, Chennai  **2013 MBA (International Business)**, Bharathiar University, Coimbatore, India  **2011 Masters in Mulitmedia Technology**, SRM University, Chennai, India  **2009** **B.E. (Computer Science),** Anna University, Chennai, India  career24x24icons Career Timeline | |
| Linux, Markone Technologies, Chennai as Sr. System Engineer  Ujjivan Small Finance Bank, Bangalore as Patch Manager (IT)  Since Oct’16  Dec’12-Feb’16 | |
| Professional Experience  **Since Oct’16 with Ujjivan Small Finance Bank, Bangalore as Patch Manager (IT)**  **Dec’12-Feb’16 with Linux, Markone Technologies, Chennai as Sr. System Engineer**  **Key Result Areas:**   * Coordinating and facilitating consultation with stakeholders to define business and systems requirements for new technology implementations * Heading the set-up and implementation of processes, procedures, tools and systems to enable the practice scale to higher scales of operations * Ensuring that Infra has been secured with an updated patch * Designing strategic IT transformation plans and implementing a target operating model to leverage new business enablement, reduce costs and streamline operations to ensure competitiveness in a global market * Analysing team problems, change management processes, and escalation procedures; rendering leadership in developing various business processes that ensure contractual/ SLA compliance * Creating IT interface for remedial action plans, identifying gaps and reporting to the management; devising policies, procedures & SOPs for information security & compliance * Leading the development of DevOps architecture to implement process to across the projects * Defining standards and guidelines for excellent service delivery; steering continuous implementation of changes * Troubleshooting with DC/DR Infra Team & CISO Team and giving technical support * Ensuring the DevOps Workflow CI/CD, Container Orchestration and automating the deployment in DC/DR, AWS * Building the Infra and Testing Security Level Policy * Managing Security Patch and Version Controller * Working with engineering teams to understand infrastructure requirements, providing insight and directions to build and scale on micros service orchestration engine * Establishing and ensuring the designing and maintenance of infrastructure standards like security, reliability, availability, and scalability procedures * Building and maintaining practices for deployment, monitoring and operations for building infrastructure capability * Monitoring applications and services within the environments, taking actions to resolve issues and implement strategies to prevent future occurrences * Leading, designing and providing infrastructure solutions across teams * Implementing infrastructure practices as part of CI and CD * Troubleshooting, monitoring and administering all UNIX Based Servers including visiting branch offices * Analysing end-to-end activities of a change in the system by collecting Root Cause Analysis (RCA) from the concerned team, following up with corporate team, and performing actions for its resolution   Technical Skills  **Operating** **System** : RHEL, Centos, Debian, Kali, Ubuntu, Solaris, AIX  **Server** **Hardware** : HP Enclosure c7000 Blade-Proliant BL460c G6,  BL465c G7, BL685c G7, Rack Server-ProLiant DL585 G7  : DELL Enclosure M1000e Blade-Power Edge M610, M910  Rack Server-Power Edge R710, R810  : IBM Enclosure Blade Centre H Blade, Blade HS23  Rack Server X3850 M5  : LENOVO X3950 X6, X3850 X6, X3650 M5  : FUJITSU Sparc M10-1, M10-4, RX2540 M2  **File** **Systems** : EXT2, EXT3, EXT4, VMFS, XFS, UFS  **Networking** **Technologies** : DNS, DHCP, FTP, NIS, NFS, TCP/IP, UDP, HTTP, SSL, and LDAP  **Virtualization** : Redhat KVM (Qemu & libvirt), VMWare  **Monitoring** **Tool** : CA-Spectrum, Nagios, CACATI, Observium  **Ticketing** **Tool** : CA-Service Desk, IT Direct, Service Provider Cockpit  **Storage** : SAN (EMC Clarion and Symmetrix) and NAS (EMC VNX)  **Database** : MySQL, SQL, Maria DB  **Script** : Python, Shell, HTML, CSS, XML  **Automation** : Ansible, Ansible Tower  **VMware** : Hypervisor, Fault Tolerance, Virtual Networking  **Cloud** **AWS** : CI/CD, EC2, S3 Bucket, Cloud Watch, Elastic Load Balancer  **Middleware** : Apache Web Server, Tomcat, PHP, Java, JBOSS  Research and Publications  Pose and Occlusion Invariant Face Recognition System for Video Surveillance Using Extensive Feature Set  **Journal** **Details**: Inderscience, Manuscript Accepted  An efficient PCA based pose and occlusion invariant face recognition system for video surveillance  **Journal** **Details**: Springer Science+Cluster Computing, Journal of Networks, Software Tools and Applications, Journal Details: Issue, November 2017, [ISSN 1386-7857]  Face Detection Approach from video with the aid of KPCM and improved neural network classifier  **Journal** **Details**: Springer Science+Business Media, Multimedia Tools Appl., Issue 5, April 2018, [ISSN 31763–31785]  Design of Accident Detection System Based on Vehicular Networks and Infrastructure Networks for Future Generation Vehicles  **Journal** **Details**: IJETCSE, Vol. 13, Issue 3, March 2015 Edition [ISSN 0976-1353]  Multiview Face Tracking In Videos Using Clustering and Tracklet Linking Technique  **Journal** **Details**: AENSI, Vol. 05, Issue 10, May 2016 Edition [ISSN 1995-0772]  Region Growing and Modified Neural Network Classifier Based Face Detection Technique from Video  **Journal** **Details**: IJAER, Vol. 10, Issue 12 (2015) pp. 30231-30248 Edition [ISSN 0973-4562]  Measurement of Failure Size in Software Testing Techniques  **Journal** **Details**: IJSRP, Vol. 3, Issue 12, December 2013 Edition [ISSN 2250-3153]  Probability of Failure-free Operations with Software for Defect Management  **Journal** **Details**: IJETTCS, Vol. 2, Issue 6, November–December 2013 Edition [ISSN 2278-6856]  A State of Art For Edge Detection to track the Edges of Shadow Objects using different methods  **Journal** **Details**: IJETTCS, Vol. 3, Issue 5, September-October 2014 [ISSN 2278-6856]  Mobile Image Mining for Granite Quality Detection  **Journal** **Details**: IJRASET, Vol. 2 Issue XII, December 2014 [ISSN: 2321-9653]  Personal Details  **Date of Birth:** DD’MM’YY  **Language Known:** Tamil, English and Kannada  **Address**: H.No. 38, 2nd Cross, Muniyappa Layout, Mangamma Palya, Bommanahalli, Bangalore – 560068, Karnataka  **Passport** **No**.: H3979410 **Date** **of** **Expiry**: Please Mention  **Annexure**  Knowledge Purview   * **RHEL Linux, CentOS, Debian:** * UNIX based infrastructure & necessary provisioning & configuration management tooling * Security Patching, Web Hosting, Network Management, SSL Certificate & Keys, User Management, Package Management, LVM Management, JOB Scheduling, Remote Backup, NFS, FTP, SFTP, TFTP, SAMBA, DNS, DHCP, HTTPS, Squid Proxy, Monitoring, Cacti, Nagios, Open LDAP, LAMP, Mail Server, McAfee, HIPS, Solidcore, Audit, MariaDB, ISCSI, PAM Conf, Nessus, Piwigo, KVM, VAPT, Password Policy * Writing monitoring plugins and Automation scripts * **DEVOPS**: * Puppet, Ansible, Jenkins, Github, MySQL, & Foreman * Jenkins, DSL Deployment as code * Jenkins full CI/CD configuration * Gitlab, Github, Bitbucket Management * Gitlab HA config & deployment * CVS, SVN to GIT migrations * Git Administration, and Git flow * **DOCKER**: * CI/CD workflow and complex system integrations * Container Image Maintainer * Orchestration with Docker-Compose * Deployment with Docker-Machine * Clustering with Docker Swarm * Clustering with AWS ECS * App migrations to containers * Production Container Deployments * **KUBERNETES**: * Namespaces * Pods * Labels and Selectors * Services Container Image Maintainer * Replication Controllers and Deployments * Kubernetes Architecture * Kubernetes - configurations, CNI and deploying applications * Pods - Building blocks of Kubernetes * ReplicaSets - Building High Availability and Fault Tolerance * Services - Publishing applications, Load Balancing and Service Discovery * Deployments, Rollouts and Rollbacks * ConfigMaps and Secrets - Injecting Application Configurations * Persistent Storage - PV, PVCs, Storage Class, Provisioners * HELM Package Manager * Ingress Controllers * Network Policies and Quotas * Additional Controllers - Daemonsets, Statefulsets, Jobs and Crons * Advanced Pod Scheduling * RBAC - Role Based Access Control * **SOLARIS**: * Installation, Administration and Configuration of Oracle Solaris 10,11, Package Management, Bundle Patching, Network Management, Data Storage, ZFS Storage Pools, ZFS File System, Administering Services, System Processes and Tasks, Booting Environment, Configuration and Administration of Oracle Solaris Zones * **RHN** **Satellite** **Server**: * Foreman, Katello, Hammer, Puppet, Pushing patches & Capsule server * **VAPT**: * Vulnerability Assessments, Penetration Testing, Device Hardening, Application Security Assessments, Log Review, Review of Documents, Network Monitoring and Reporting * Performing Network Security Assessment and vulnerability Assessment * Basics of TCP/ IP and Networking principles * OWASP top 10 and web Application Security Audits * Manual Penetration Testing skills and techniques * Publicly available exploits codes * OWASP TOP 10 2017 * Security Tools: Nmap, Kali Linux, Metasploit, Armitage, Maltego, Burp, Paros Proxy Nessus, Nexpose, Wireshark, Sqlmap and so on * **AWS**: * EC2, S3 bucket, RDS, EBS, ELB, Auto-Scaling, AMI, code commit IAM roles through AWS Console, Amazon Cloud Watch * Experience in AWS with provisioning & resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS) * Configuration of Virtual Private Cloud with subnets, AWS security patches and NAT Instances manually as well as with the VPC creator * **MySQL**: * Fine-tuned database with respect to specific behaviours * Monitored and performed tuning on database server * Extracted and transformed required data packages * Analysed upcoming database methodologies and technologies * Ensured data integrity and detected data errors and misuse   Seminars & Conferences  **AICTE** –September 2013  **Title**: Watermark Techniques in Multimedia for Authentication and Copyrights Production; received an amount of INR 2, 00,000  National Conference  Reconstruction of Occluded Objects using Independent Component Analysis-based K-Means  Clustering using 3D Integral Imaging  A Large-Scale Image Retrieval Using Lexica Concept with Small Semantic Gaps  Workshops Attended   * Modern Control Engineering using MATLAB   Venue Details  Organization: VELTECH Technical University  Period: 12th to 14th May 2014   * Recent Advances in Satellite Image Processing and Application (RASIP-2014) using MATLAB   Venue Details: SRM University  Period: 15th to 16th September 2014   * Video Analytics using MATLAB   Venue Details: Anna University-KBC Research Center  Period: 10th to 11th October 2014  Extracurricular Activities   * Participation in the 98th Indian Science Congress at SRM University, Chennai * Certified Associate in Adobe Flash and Photoshop along with Autodesk Maya * Third Prize for C and Java Code Debugging at SASC College * Organizer –MILAN 2011, SRM University, Chennai * NCC ‘C’ Certificate Holder * Gold Medallist Athletic in Long Marathon 42.20 KM (University Level). * Cross Country – Merit Sports Men Quota- India Level * Third Prize in Body Builder Competition in State Level (Below 55 Kg Event) | |