|  |
| --- |
| **Kamal Gupta** |

|  |
| --- |
| **Senior Engineer** |

|  |
| --- |
| **Career Summary** |

An infrastructure IT professional with a Bachelor of Technology Degree in Computer Science and Engineering, having 5 years of experience into managing IT infra operations in Project Delivery domain. Aspiring to implement my knowledge in a challenging and thriving environment offering various learning opportunities along with new open source technologies to propagate learning and develop experience in managing Infra Dev Operations efficiently.

|  |
| --- |
| **Competencies** |

* Infrastructure planning and servers implementation.
* Implementation of ticketing CRM tools for internal ITIL adherences.
* Configuring security tools to safeguard systems from cyber-attacks.
* Automate Deployment implementations via build and release configuration management
* Handling end to end server network connectivity from NOC to Data Center & Disaster Recovery.
* Implementation of monitoring tools for handling alerts for Server and Network services on 24x7 basis.
* Generating audit reports for servers and network devices.
* Anchoring team discussions internally to handle customer requirements and constant follow up to implement the same.
* Requirement Analysis & strategic planning for efficient delivery of project deliverables on time.
* Ability to work with different teams involved in operations and understanding the environment.
* Training new engineers & team members to help them understand the infrastructure setup.

|  |
| --- |
| **Tools / Technologies** |
| * **AWS** EC2 Compute Cloud, VPC, OpenStack * Linux RHEL, Fedora, CentOS, Ubuntu, Win 2008 R2, Active Directory, DNS, DHCP etc. * RAID, HP ILo, IBM P & X Series, SAN, NAS * Configuring servers like LDAP, DNS, DHCP, NFS, SSH, Kickstart, YUM, Kerberos, SNMP,RDP * Apache, IIS, web2py framework * Load Balancing via apache modules (mod\_proxy, mod\_load\_balancer etc.) * Network monitoring, trobleshooting via nmap, mtr, wireshark, fiddler2, netstat etc. * Nessus (VAPT) * Lotus Domino mail server * BroadCom NIC bonding * IBM Tivoli Monitoring and Reporting * IBM Websphere 8.0, Apache Tomcat * RabbitMQ * Clustering for 3 tier HA apps * SSL encryption via mod\_ssl * IBM Advanced Management Module, AMI * Mysql, Oracle SQL & mongoDb * LAMP stack, * Symantec (SEP, Backup Exec) * Nagios * HIPS, Snort * MS Hypervisor, VMWare ESXi, vSphere, Oracle VM VirtualBox * **Shell Scripting, Perl, Python,** Windows Powershell * Tortoise SVN, Git, Ant, Puppet, Jenkins * Ticketing tools like BMC Remedy YODA, JIRA   **Education** |

* Bachelor of Technology (Computer Science) from JUET, Guna (MP) Batch 2007-11
* Intermediate from D.A.V COLLEGE, Chandigarh (2006)
* High School from SpringDales Public School (2004)

|  |
| --- |
| **Certifications and Trainings** |

* Red Hat Certified Engineer on RHEL 6.2 (Verification Code: 130-211-295 ; Date: Nov 30, 2013)
* 2 months training at CDAC on Networking Technologies
* RHCE Rapid Track course by Red Hat Inc

|  |
| --- |
| **Professional Experience** |

* **[Feb’15 - ] Sr Engineer**  
  hCentive India Pvt Ltd (US based healthcare insurance MNC)  
    
  **Duties and Responsibilities**
  + Involved in planning the prod setup
  + Implementation includes setting up & monitoring of DB, Tomcat & other servers
  + Responsible for monitoring server condition and status 24/7.
  + Build and Release management
  + Remote Support to servers using SSH
  + Handling tickets on JIRA
  + Weekly interactions with management for status checks
* **[Aug’14 – Jan’15] System Administrator (Lead - ITIL)**  
  Tata Consultancy Limited (Client- Bombardier Transport, Germany)  
    
  **Duties and Responsibilities**
  + Planned and implemented Linux virtual machines
  + Practised preventive maintenance to prevent failures.
  + Responsible for monitoring server condition and status 24/7.
  + Regular backing up of servers in timely manner.
  + Remote Support to servers using ssh
  + Planned and implemented alert and escalation process in the event of server malfunction.
  + Mananing Change Requests, Incidents & Problem Statements in Remedy YODA
  + Client interactions on weekly basis for CR discussions.
  + Weekly CAB meetings for approving change requests.
* **[Feb’11 – Jul’14] System Engineer**  
  Infosys Limited (Client- Income Tax Department, TDS ITD Cell, India)  
    
  **Duties and Responsibilities**
  + Planned and implemented new Linux/Windows servers.
  + Peer to peer network connectivity configurations
  + Practised preventive maintenance to prevent failures.
  + Planned and implemented alert and escalation process in the event of server malfunction.
  + Taking servers backup to avoid data loss on tape/FTP’s
  + Integrating AD with linux & windows machines for centralized authentication
  + Creation & Managing VM’s on hypervisor.
  + Efficient handling of user control on systems & applications.
  + Generating server & network devices health reports for audit
  + Site Migration handlings.

|  |
| --- |
| **Skills** |

* Installation, Configuration & troubleshooting of servers.
* Configuring HA environment for 3 tier web applications at server level.
* VM clustering, cloning & snapshot for state restore.
* Production System installation via VM templates
* Configuration Integration and management for build deployments
* Performance tuning of servers at kernel & network level.
* AD integration with linux for centralized authentication
* Report Auditing via Nessus.
* Handling Zero Downtime production environment
* Database Replication over cluster nodes via heartbeat concept.
* Managing Shared Storage high traffic application deployment.
* Handling DC-DR migration and viceversa.
* Virtualization from physical to virtual environment p2v.
* Improving performance for web applications via JVM tuning.
* Apache implementation with SSL, Security, URL redirection, plugins
* Active/Passive resource monitoring includes services, system resources.
* Cloud EC2 instance creation, managing security groups etc.
* Data Center Operations
* Configuring Network Services like POP3, IMAP, FTP, SSH, SMTP, NFS, portmap
* Network Troubleshooting & Monitoring via various in-build & third party tools.
* Server Hardening
* Documentation of day-to-day server issues & SOP’s to efficiently manage the environment.

|  |
| --- |
| **Personal and Contact Info** |

|  |  |
| --- | --- |
| **Name:** | Kamal Gupta **Email:** kamal\_gupta1988@hotmail.com |
| **Gender:** | Male **Mobile:** +91-8527550703 |
| **Date of Birth:** | 2nd July, 1988 |
| **Nationality:** | Indian |
| **Marital Status:** | Single |