|  |
| --- |
| **Prakash Thapa**  1024 Frances Drive, Rosenberg, TX 77471  Phone: (832) 231-2290 | Email:prakashkthapa@yahoo.com |
|  |

**OBJECTIVE:**

|  |
| --- |
| To obtain a cooperative education position using my programming skills. |

**EDUCATION:**

|  |  |
| --- | --- |
| University of Houston-Clear Lake | Houston, TX |
| Bachelor of Science in Business Administration | May 2016 |
|  |  |
| Major in Management Information Systems | G.P. A: 3.49 |

**COURSES:**

|  |  |
| --- | --- |
| Business Internet Application (HTML) | Advance Business Internet Application (Asp.net) |
| Advance Business Application programming (visual basic) | Application Development with Java |
| Database Application Development (MySQL) | Analysis and Design of Information Systems |
| Advance Database Application Development  (MySQL/Red Hat Linux) | Computer Network management (Cisco) |

**SKILLS:**

|  |  |
| --- | --- |
| **Operating Systems:** | UNIX, Linux (RHEL 6.x, 7.x), CentOS 6 Sun S, Ubuntu (14.x, 16.x), Windows 7/8/10, Sun Solaris, MAC/iOS |
| **Programming Languages:** | C, C++, XML, HTML, Java, Bash Shell scripting, Perl, Python, SQL, VBScript |
| **Scripting:** | PowerShell, Perl, VB, and Shell. |
| **Disk Management:** | Logical Volume manager(LVM), RAID (0, 1, 5) |
| **File Systems:** | Veritas File System, Ext2, Ext3, Ext4, JFS, MTD, NFS, FTP, devfs etc. |
| **Virtualization:** | VMware, Vsphere, vCenter Server |
| **Web/Application Servers:** | AWS, Apache Tomcat 6.x/7.x/8.x, JBoss 6EAP/7CE, IBM WebSphere |
| **IDE and other tools:** | Puppet, Chef, Subversion, GitHub, IpTables, Red Hat clusters, Maven, ANT, JIRA, SVN, Jenkin, GitHub, GitLab. \* Migrated/Setup LDAP security in TOMCAT migrated apps and used JSF for secure login. NetBeans, Visual Studio, Visual c++, MS Visio |
| **Networking:** | TCP/IP, DNS, NFS, NIS, SSH, DHCP, Cisco Routers / Switches and LAN |
| **Databases:** | MySQL, SQL server, Microsoft Access |
| **Web Technologies/Web Services** | HTML, JAVAScript, CSS, JQuery, XML, SAX, DOM, XSLT, XSD, XSL, AJAX, JSON |

**EXPERIENCE:**

**American Airlines AA – Dallas, TX**

**System Admin/ DevOps Intern**

* Nine months of experience in System Administration with specialization in Installation, Configuration and Administration of **LINUX/UNIX,** with skill **in Red Hat 6.x, Solaris 10.x, Ubuntu 14.x** and **Windows.**
* 6 plus months of hands on experience as DevOps Intern, skills in **AWS**, **Chef Puppet**, **Jenkins**, **Apache**, and **Tomcat**.
* Good knowledge of **Linux Kernels**, performed kernel tuning, monitored and solved CPU/mem/IO bottleneck.
* Experience in installation, configuration and **Volume/File system management** using **Logical Volume Manager(LVM).**
* Knowledge in installing, configuration and implementing **RAID 0, RAID1** and **RAID5** Technologies.
* Used networking monitoring tool **Nagios** server and supported system server and troubleshooting.
* Experience in user administration, backup, startup, shutdown scripts, crontabs and automation using **Perl, Shell scripting(bash)** for **RHEL** systems.
* Hands on experience in creating virtualizing using **VMware ESX, ESXi 4.x, 5.x, Templates** and **VCenter**.
* Involved in recovering **OS** from **VM snapshots** and working on Maintenance mode through **VM console**.
* Hands on experience in build technologies like **Jenkins**, **Maven**, Integration and automation of source control applications like **GIT** and **SVN**.
* Experience in **AWS** deploying instances like **Red Hat, Ubuntu, CentOS, Windows.**
* Experience setting up instances behind **Elastic Load Balancer** in **AWS**for high availability.
* Experience with configuration management tools like **Puppet, Chef,** integrated **CI/CD** and version control systems.
* Good knowledge in **Apache** and **Apache tomcat app server**.
* Hands on experience in **Python scripting**.
* Migrated/Setup **LDAP** security in **Tomcat** migrated apps and used **JSF** for secure login.
* Excellent understanding of Network topologies such as **LAN, WAN, VPN,** and **Firewalls**.
* Expert-level understanding of the **SDLC** Processes, **Project roles** and **CM** plans.
* Configured and maintained **Microsoft server 2012r2, 2008r2**.
* Good knowledge in understanding **Linux architectures Kernels**, boot process etc.
* Excellent analytical, problem solving communicationl skills.
* Quick learning capability, delivering solutions as an individual and a good team player.

**Environments: [Red Hat, Solaris, Ubuntu, AWS, Chef, Puppet, Jenkins, RAID, LVM, GIT, LDAP, Tomcat, Python, bash scripting, SDLC]**

**PROJECTS:**

* Team Leader for Java-based Bank simulator project including fully functional websites for the customers, several swing graphical user interfaces and XML storage system.
* Team member for a system analysis and design class, designed, documented and developed simulator fitness based business web application in JavaEE and held meetings, designed a working product which met customer needs.
* Semester-long team project involving planning and implementation of a website for better usability and using HTML, CSS, JavaScript, and PHP.
* Worked on solo project on simulator car dealer websites and designed documented and developed fully functional website using ASP.net where existing and new user could create account, login into their account for payments purchasing of new car check balances and many more services.

**ACTIVITIES/AWARDS:**

* Member of ISAM House UHCL
* Deans Honor List for Fall class 2015

**REFERENCES:**

Available upon request.