Sayan Bhunia

CONTACT

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WORK EXPERIENCE

Tata Consultancy Services   Mar 2018 - Present

Linux Administrator

- Securing Authentications through Power Broker
- Managing and maintaining PB master servers and role database
- Troubleshooting authentication issues in production and providing necessary solution.
- Analyze and validation of power broker logs using Splunk
- Automating application specific tasks with Ansible.

Scripting and Development

- Writing scripts on Python and shell scripting (including expect and awk) to automate and provide centralized infrastructure.Web support with CGI-Bin.
- Hands on with html and css styles to create webpage for getting server's run-time information

Wipro Technologies   Aug 2013 - Mar 2018

Linux Administrator

- Design, installation, configuration, maintenance, tuning and troubleshooting of servers running on Red Hat enterprise Linux/CentOS
- Experience in installation of OS on multiple clients using Kickstart.
- Upgrading and Patching RHEL 6 and 7 via Red Hat satellite and locally as well centrally with Repositories.
- Monitoring System performance using basic and advanced monitoring tools
- Linux Cluster on CentOS and Red Hat Enterprise Linux
- Experience with installation and cloning of Linux and Windows VM's using KVM.
- Configuration of network interfaces for Linux. Bonding/Teaming , Binding, route configuration.
- Managing Processes, troubleshooting, configuring network services, Architect, Build and Support Red Hat Linux Enterprise Servers.
- Linux Volume and File System Management..Hands on with configuring physical disk,RAID and LVM.
- Installation and integration of YUM Server, Automated rpm updates on multiple clients with appropriate Target version.
- User management in Active Directory. Integration of Linux servers to AD.
- Scheduling Administrative Jobs
- Configuration Management and Monitoring tools -   Puppet, Nagios (server configuring and adding client)
- Checking and troubleshooting H/W failures from OS side and dealing with HP, IBM, NETAPP, EMC vendors.
- As On call SA, Responded to Page alerts and resolved the issues in a Timely Manner. Immediate attention for Host down alerts and engaging appropriate teams for resolution and escalating wherever required making sure the Application services are up and running for Business continuity.
- Closely worked with Application teams for support and troubleshooting issues on Linux.
- Experience of change Control and Root cause Analysis (RCA) .
- Various Network troubleshooting and traffic management .

- Responsible for responding to and closing tickets according to SLA.
- Writing Shell Scripts to automate System Process.
- In depth knowledge in DNS,DHCP,LDAP, Apache HTTP, Sql Server, Kerberos Server ,NFS, Samba Server and domain integration, Mail Exchange server, FTP server ,TFTP Boot server and network booting, KVM Virtualization, Kick Start, Boot management, Fail Over Cluster Management

VMWare:
- Installation, Configuration, Administration of ESX, Installing Vsphere and Host management
- Building new virtual machine and adding to proper network.
- Storage configuration and data store management for esxi hosts and virtual machines
- Virtual host migration / VMotion

SKILLS

Linux Administration :- DNS,DHCP,LDAP, Apache HTTP, Sql Server, Kerberos Server , NFS,Samba Server and domain integration, Mail Exchange server, FTP server ,TFTP Boot server and network booting, KVM Virtualization, Kick Start Installation, Boot management, Job Scheduling, Crontab, Fail Over Cluster Management

Windows Administration :- Active Directory Management. Basic Server configuration with DNS, DHCP, Domain Time Server, IIS Services i.e. FTP and Web Server , Process Management, job scheduling, daily maintenance with batch programming, Network Boot server(WDS) and booting multiple servers in various architecture, High Availability Cluster Management, Citrix, Xenapp ,Xen Desktop

Cloud :- Good understanding in AWS and Azure. Trained in Azure

VMWare :- VMWare Workstation, VSphere, ESXi Host management and Virtual Box ,V-Motion, Planned Maintenance and Migration

Infrastructure Tools :- Puppet,Nagios

Log Monitoring Tool: Splunk

Automation Tool: Good knowledge in Ansible. Have hands on experience in production automated patching.

Python :- Strong knowledge in Python Scripting,Python Package development.Created server client architecture by socket to provide centralized infrastructure support and patches.Hands on with flask for providing Web support for centralized infrastructure.

Django :- Web Framework, View-Model-Form management, Authentication Management.Created API support with django

Web Development tools: Having good knowledge in HTML and CSS styles

Source Control Tool :- Experience in working on source control tool like GIT / GITHub

EDUCATION

B. Tech.   Aug 2009 - Apr 2013

National Institute of Technology, Durgapur

with score obtained 7.98 CGPA

12th Standard (Higher Secondary)   2007 - 2009

WBBHSE

with score obtained 81.2%

10th Standard (Matriculation)   - 2007

WBBSE

with score obtained 89%

SELF PROJECTS

- Django Website: For maintaining share in local hub with multiple users where a new user need to register for getting access to a centralized storage through http,ftp and smb and jailed inside his home directory. Also access to user customized share.
- DC Hub: Direct Connect Hub with full feature and regular updates within college premises where users were populated by own registration/referral registration.
- PyScript to recognize the urls of objects and download all files locally in a user given website.
- Developing Wordpress site for personal articles and collections.
- Telegram bot which will let you browse download or upload a file in your computer anywhere on the go just in a messenger (This is shared to open --> https://github.com/kichuasejaina/omnitica/tree/FileManagerBot)
- Personal Radio streaming/Audio broadcasting website which was derived in SHOUTCast. Later with DUC

PERSONAL DETAILS

Name:Sayan Bhunia
Date of Birth:19-July -1991
Languages Known:English, Hindi, and Bengali
Strengths:Self Learning, Dedication, Hardworking, Result-Oriented

DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge.

- Sayan Bhunia