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| .   |  | | --- | | Sudip Mukherjee | |  | |  | | Contact  **Address**: : Phulpukur lane, Lokenath Bhaban, P.O. & P.S. Chinsurah, Dist. Hooghly, State: West Bengal, India. Pin. 712101 Chinsurah WB 712101  **Address**: : Phulpukur lane, Lokenath Bhaban, P.O. & P.S. Chinsurah, Dist. Hooghly, State: West Bengal, India. Pin. 712101, 712101, Chinsurah, WB  **Phone**: : 974 811 2025  **Email**: : sudipmukherjee501@gmail.com  Skills  ****Cloud Platform: -Amazon Web Services (8 months)****   * ****EC2-Launching Linux Redhat ,Ubuntu,CentOS**** * ****VPC-Configure public and private subnets and connecting to private instances**** * ****Knowledge on Storage Concepts such as S3**** * ****IAM-Creating IAM users and assigning policies for individuals**** * ****Load Balancing-Paired with Auto scaling for scalability for High Availability of servers**** * ****Launch EC2 instance by using Terraform.****   ****DevOps: -GIT, Jenkins,Maven,Ansible, Docker, Kubernetes, Terraform(6 months)****   * ****Working knowledge and maintenance of version control management systems, such on SCM**** * ****Knowledge of Jenkins installation on Cloud premises (AWS)**** * ****Knowledge of User Administration in Jenkins such as creating users, roles etc**** * ****Creating containers and configuring environment using Docker**** * ****Creating microservices architecture using links and docker compose**** * ****Creating customized docker images from customized containers and using docker file**** * ****Working with docker volumes**** * ****Working with Orchestration tools like Docker Swarm**** * ****Performing Load Balancing, Scaling, Rolling Updates and Disaster Recovery in Docker Swarm****   ****Containerized and Virtualization :- LXD 3.0****   * ****Taking snap and create tar ball for backup purpose**** * ****HAproxy setup through lxc container.**** * ****Set IP tables rules for accessing container outside the network.**** * ****Maintain 35 lxc container per day**** |  |  | Professional Summary  Seasoned Linux System Administrator with 5 years successfully managing diverse and multi-site installations. Proficient at streamlining all scales of system architecture, from single terminals to 4 networked servers. Expert at maintaining smooth operation of Linux-based hardware installations with dynamic performance in environments relying upon diverse operating systems.  Tireless Linux Admin keen to oversee complex installations to maintain maximal performance and operational uptime. Effortlessly handles systemic maintenance while deftly correcting unforeseen malfunctions. Provides prompt, consistent and effective responses to employer and consumer needs.  Work History  Linux System Administrator With DevOps, 08/2019 to Current  Finlabs India Pvt Ltd - kolkata, West bengal   * Strong technical background in networking, operating system, system administration and performance monitoring * Working closely with other IT departments to help determine and develop systems that will be implemented * I handling four Cloud based Severs (Ubuntu 16.04) * Configure Lxd 3.0 and Maintain around 35 Lxc Container * Configure Lxc Container Backup server through cronjob * Configure Mysql Master Slave Replication * Configure Git SCM server setup * Configure Mantis Bug Tracker * Configure and setup Iptables * Building/Maintaining Docker container * Configure Server Hardening like fail2ban, deny-hosts,ssh-authorized key etc * Configure Lvm for Dept wise * Monitor production systems, applications and network performance through the use of various Network Management and Application Monitoring Tools * Configure IP addresses, Subnet Masks and Gateway Addresses on Routers and Hosts. * Install Rhel-7 , CentOS, Ubuntu 16.04 , 18.04 * Install and Configure Tomcat9 * Install and Configure Apache2 * Install Redis server * Install and Configure HAproxy server * Project Deployment in AWS server by using Terraform * Install Software in Ubuntu like( java 1.8, mysql-server 5.7, tomcat9,xaamp, apache2, eclipse,intellij idea etc * Deployment for One project by using Docker There have 6 Individual Micro Services Container. * Using Docker Swarm for Load Balancing and replica * Deployment some micro services by using kubernetes for developers * Launch AWS EC2 instance by using Terrform   Linux Administrator, 07/2018 to 07/2019  AnashVision Consultancy Pvt Ltd - Kolkata, West Bengal   * Responsible for installation, configuration, management and maintenance over Linux systems. * Remote Administration of Linux server using ssh,vnc viewer. * Installation & Configuration of various Linux flavours such as Red Hat Enterprise Linux 7.0 and Centos. * Package Management using RPM&YUM * Disk Management: Partitioning tools is fdisk * Configuration of LVM and managing the volumes. * Responsible for adding creating new users, groups and setup home directories. * Configure IP addresses, Subnet Masks and Gateway Addresses on Routers and Hosts. * Vendor Coordinator   System Admin Executive, 08/2017 to 07/2018  MET Technologies Private Limited - Kolkata, West Bengal   * Responsible for installation, configuration, management and maintenance over Linux systems. * Remote Administration of Linux server using ssh,vnc viewer. * Installation & Configuration of various Linux flavours such as RedHat Enterprise Linux5.0,5.4, 6.o and Centos. * Package Management using RPM&YUM * Disk Management: Partitioning tools is fdisk , parted etc. * Configuration of LVM and managing the volumes, Configuration of Virtualization * Diagnosing, monitoring performance and network related issues using top, netstat. * Responsible for adding creating new users , groups and setup home directories and appropriate access restrictions to software and directories &files using access modes. * Maintaining Linux Quota System, Operating system installation through kickstart. * Configure IP addresses, Subnet Masks and Gateway Addresses on Routers and Hosts. * Configure and Install Vmware 9 with Virtualization * Use Monitoring tool Nagois   IT Support Technician, 09/2013 to 07/2017  Bma Wealth Creator Ltd - Kolkata, West Bengal   * Package Management using RPM&YUM * Responsible for adding , creating new users, groups an dsetup home directories and appropriate access restrictions to software and directories &files using access modes. * Diagnosing, monitoring performance and network related issues using top netstat. * Installation & Configuration of various Linux flavours such as RedHat Enterprise Linux5.0,5.4, 6.o and Centos.   IT Executive, 08/2012 to 09/2013  Virgin Group - Kolkata, West Bengal   * Software support and technical support * Database shrink of every week. * IPv4 Addressing   IT Executive, 01/2011 to 12/2011  Alchemist Ltd - Kolkata, West Bengal   * System support and technical support * Outlook configure * System formatting and software installation     Education  Bachelor of Arts: : 06/2008  Hooghly Mohsin College - Chinsurah  GNIIT: : Software Engineering, 08/2011  NIIT - Kolkata    Accomplishments   * Collaborated with team of 17 in the development of Finexa Project * Collaborated with team of 5 in the development of Aegon Project * Collaborated with team of 8 in the development of Mahindra Project * Collaborated with team of 8 in the development of Covtrack Project   Certifications  ****RHCSA**** Red Hat Certified System Administrator  Playing Cricket in Dist & University Level  I am the Opener Batsman in Our Team. |  |

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