ESHA KUMARI

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# Career Objective:

Seeking a challenging position to utilize my education and experience in the field of IT and to work in challenging environment and contribute in the growth of the organization, to work professionally, honestly and for the prosperity of the organization. I am young, educated hard worker; efficient, passionate intend to build a career as a key player in challenging and creative environment.

# Educational Qualifications:

* ***B.Tech****. in ECE from Bengal College of Engineering and technology for Women, Durgapur, West Bengal.*
* *Completed 12th from BSEB, Patna, Bihar*
* *Completed 10th from BSEB, Patna, Bihar*

# Work Experience

* ***Total Experience****: 2.5 years*
* ***Company:*** *Tata Communications.*
* ***Designation:*** *Network operation*
* ***Duration:*** *Current Employer (From Sept 2020)*

# Job Responsibilities:

* *Provide the remote network support to Skylo Technologies.*
* *Jenkins sanity test pre and post deployments on platform.*
* *Docker image changes and Docker troubleshooting*
* *Validation of kubernetes pods using Kubectl*
* *Helping team in deployments using ArgoCD tool*
* *Creating dashboard and alerts in Grafana/ Prometheus and pushing data from Timescale db.*
* *Setup dashboard and integrate alert on datadog to identify the issue*
* *Integrate Librenms with slack for network issue detection*
* *Experience on patching vCentre with ESXi server*
* *Understanding of GCP like identify the running pods, nodes, GKE dashboard and creating backup data from Linux server to GCP cloud and troubleshooting.*
* *Setup dashboard and alert in DataDog to identify the issue and troubleshooting.*
* *Identify issue using RabbitMQ tool*
* *Setup VPN using Fortigate and Wireguard.*
* *Basics understanding of Git and JSON file*
* *Communication with ISP NOC member in case of any network outage or packet loss in network.*
* *Experience on FOTA AV system*
* *Working on JIRA/Confluence*
* *Communication with filed team as per requirement.*
* *Integrated iDRAC server with Datadog using JSON file*

# Previous Employement

***WinlinTech Solution Pvt Ltd*** *– Linux Administrator (April 2019- Sept 2020)*

# Job Responsibilities:

* *Provide the remote network support to Psychz network (USA).*
* *Provide support to customers over Ubersmith Ticketing portal as well as on phone calls if required.*
* *To protect Datacenter network by blocking DDoS attacks such as HTTP floods, DNS flood, DNS amplification, NTP amplification, SYN flood, UDP flood etc*
* *Diagnosing network issues with Ping/Mtr/Traceroute*

# Daily Responsibilities:

* ***Linux:***
  + *Installations of various flavors of OS such as; Centos, Ubuntu, Debian.*
* *Administration and management of dedicated servers via SSH, IPMI & KVM.*
* *Monitoring of dedicated servers using MRTG tool.*
* *Server alerts monitoring (ICMP, Module alerts of bandwidth consumption).*
* *Virtual machine management through SolusVM.*
* *Set rDNS , delegate rDNS, create master zone for rDNS, Resolving DNS issues.*
* *Virtual Computer Network (VNC) Server (Configuration and Troubleshoot issue).*

# Windows:

* + *Installation of Windows (2003, 2008, 2012 English & Chinese versions.)*
* *Basic troubleshooting.*
* *IP configuration.*
* *Resolving RDP issues.*

# Networking:

* *Diversion of IPs, Port blocking.*
* *IP assignment of IPV4, troubleshoot routing, Block/Unblock IP related issues*
* *Assigning IP ranges to the servers and VM’s. Also fixing routing issue.*
* *Communication with DC admins in case physical assistance is required.*
* *Software Tools: Putty, WHMCS, Ubersmith, IPMI, SolusVM*
* *Network issue, Server down issue*
* *Handling and investigating the abuse, fishing and spamming issues*

# ACL (Access Control Lists)

* *Create extended access list to allow /deny traffic for specific host/subnets to reach the destination Host*
* *To allow/deny traffic on destination host along with service ports such as HTTP/HTTPS/SSH/ etc.*

# Monitoring/ Capture tools

* *NFdump*

# DDOS mitigation

* *Handle NTP and other UDP/attacks*
* *Payload blocking, adjust rules TTL filtering*
* *Handles TCP attacks*

# Firewall -- ADS(Anti DDOS system)

* *Allowing Diversion*
* *Creating protection Group for prefixes- Adjusting TCP/UDP/ICMP threshold limit*
* *ACL rules to drop any source to destination*
* *Bypassing traffic (Whitelist)*
* *Adding Null for IP/ Whole subnet*

# Troubleshoots Clients Issue

* *Network issue*
* *Disconnection issue*
* *Packet loss issue*
* *Routing issues*

# Technical Skill

* + ***Protocols :***
* *Having knowledge of: OSI Model, TCP/IP Protocol, UDP,DHCP, TCP/IP, DNS, DHCP,SMTP, TELNET, SSH.*
* *Routers: Cisco (26xx, 28xx, 36xx, 37xx, 38xx, 72xx, 76xx)*
* *Switches: Cisco (29xx, 38xx), Cisco catalyst (45xx, 65XX)*
* *Routing: Configuring on static route, default route, RIP, EIGRP & OSPF*
* *Switching: configuring and troubleshooting VLAN, VTP, STP & RSTP*

# Previous Employement

***Avantha Technologies*** *– As Subject matter expert November 2018 – March 2019.*

# Training Undergone

* 1 month summer training in BSNL , Patna , Bihar
* Training Cisco Certified Network Associate (CCNA)

***Projects***

* *Heartbeat Monitoring using GSM Technology*

Objective: Beneficial for Medical Application offering low Cost. Methodology: In this project we are measuring the heart beat using the pulse oximetry logic.

* *A set point can help in determining whether a person is healthy or not checking his/her heartbeat and comparing with set point.*
* *The result of heartbeat would be shown on the LCD.*
* *The use of GSM technology simplifies the delivery of health care services and enhances*

communication between health care providers and their patient

***Personal Information***

***Name*** : *Esha Kumari*

***Fathers name*** : *Ashok Sharma*

***D.O.B*** : *05-03-1995*

***Marital status*** : *Single*

***Nationality*** : *Indian*

***Languages*** : *English, Hindi*

***Current address*** : Kharadi , Pune, Maharashtra

# Declaration

I hereby certify that all the information provided above is true to the best of my Knowledge.

***Date : Yours Faithfully***

***Place: Pune (Esha Kumari)***