



# C Younus

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## Career Summary

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- Experienced **IT System Administrator** with 6+ years of expertise in **Linux/Windows server administration**, network **infrastructure**, and **cloud platforms (AWS)**. Specializing in implementing security measures, **firewall management**, and developing backup and recovery plans. Adept in supporting and troubleshooting advanced technical issues within computer hardware, network infrastructure, operating systems and software installations.

## Experience

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### ECPL

Feb 2020 – Present

#### Senior System Administrator

Bangalore

- Administered and maintained Linux and Windows servers in both on-premises data centers and cloud platform (AWS).
- Proactively manage and maintain server, network and firewall systems.
- Deployed and managed cloud infrastructure components including VPCs, subnets, security groups, and IAM roles.
- Develop and implement project plans, risk assessments and contingency plans.
- Design and implement monitoring, configuration management and reporting functions that will make a hands-off environment.
- Provide after-hours support for Infrastructure related emergencies as well occasional weekend maintenance.
- Assist with firewall, telecom and software vendor evaluation, recommendation and negotiations.
- A solid understanding of LAN/WAN networking.
- Group Policy design and configuration.
- Active Directory/LDAP user and group administration.
- Ability to troubleshoot network issues including back bone infrastructure issues.
- LAN Routing and Switching design, configuration and troubleshooting (VLANs, IP Subnetting).

### QConneqt

Oct 2018 – Oct 2019

#### Technical Support

Bangalore

Provided technical support for IT infrastructure and end-user systems.

- Troubleshoot hardware, software, and network connectivity issues.
- Assisted in maintaining system documentation and support tickets.

## Project

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### 1. SPARK CRM Integration | AWS, GitHub, Maven, Jenkins, Linux, Docker, Kubernetes

#### • Description:

\* SPARK CRM integrations cover major business components such as Account Management, Opportunity Management, Order Management, Items Management, Pricing, etc.

\* Integration extends to various external systems including Oracle Sales Cloud and Oracle Ebiz Systems.

#### • Role: Senior System Administrator

#### AWS CLOUD INFRASTRUCTURE:

\* Designed and deployed a fault-tolerant web architecture using AWS CloudFormation to automate infrastructure deployment.

\* Created a custom VPC with public/private subnets, NAT gateways, and routing for scalable web hosting.

\* Deployed EC2 instances in private subnets behind an Application Load Balancer, using Auto Scaling based on CPU utilization.

\* Hosted static content on S3 and used AWS Lambda to process images/logs upon S3 events.

\* Configured IAM roles and policies to follow least-privilege best practices.

\* Experience with AWS services including **EC2, VPC, IAM, S3, Route53, Load Balancing, Auto Scaling, CloudFormation, and AWS Lambda**.

- \* Having Experience in writing **Docker** files.
- \* Having Experience on **Kubernetes** (EKS, ECS) for Orchestration of the Containers.
- \* Having Experience in creating Kubernetes manifest files like **daemon set, replica sets, deployments**.
- \* Having Experience on **CI/CD using Jenkins, Docker & Kubernetes**.

#### **FIREWALL MANAGEMENT:**

- \* Overseeing and maintaining two distinct sites' **FortiGate firewalls** (600E/400E).
- \* Building a site-to-site tunnel in compliance with client's security requirements.
- \* Design and implement security policies, firewall rules, and NAT configurations based on organizational requirements.
- \* Utilize FortiAnalyzer to conduct deep traffic analysis, generate reports, and identify potential threats or vulnerabilities.
- \* Created a VPN Group to access limited application servers.
- \* Creating and maintaining VPN accounts in FortiGate.
- \* Monitor and analyze real-time network traffic using FortiView and other Fortinet tools to ensure smooth network operations.
- \* Created and maintained SD-WAN rules as per the requirements.

#### **WINDOWS SERVER ADMINISTRATION:**

- \* Manage and administer Windows Server environments (2019) across production and test networks, ensuring high availability and performance.
- \* Configure and maintain **Active Directory** (AD), including users, **groups**, OU structure, **GPOs, DNS, and DHCP**.
- \* Implement and monitor server security policies, including user permissions, role-based access control, and antivirus/malware solutions.
- \* Perform regular patch management and software updates using **WSUS** and System Center Configuration Manager (**SCCM**).
- \* Manage virtualized environments using Hyper-V and VMware, provisioning VMs, monitoring performance, and troubleshooting issues.
- \* Design and implement backup and disaster recovery plans using tools such as Windows Server Backup, Veeam, and Azure Backup.
- \* Monitor server performance and health using Performance Monitor, Event Viewer, and other diagnostic tools.
- \* Experience in Office 365 administration including user management, mailbox setup, Teams configuration, and basic troubleshooting.

#### **LINUX ADMINISTRATION:**

- \* Administer and maintain Linux-based servers (Ubuntu & CentOS) across production, development, and testing environments.
- \* Manage users, permissions, and groups through LDAP, and implement role-based access control to enhance system security.
- \* Automate routine server tasks using Bash and **Shell scripting**, optimizing workflow and reducing manual errors.
- \* Monitor server health, performance, and security using tools like **Zabbix** and **Prometheus**.
- \* Implement and manage firewall rules (iptables, firewalld) and SELinux policies for enhanced server security.
- \* Develop and enforce **role-based access control (RBAC)** and attribute-based access control (ABAC) policies to ensure secure and compliant access.
- \* Collaborate with cross-functional teams to integrate IAM systems with enterprise applications (e.g., ERP, CRM, HR systems).

#### **Skills**

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**Infrastructure & Systems:** Windows Server (2019), Linux (Ubuntu, CentOS), Active Directory, LDAP, DNS, DHCP, Group Policy, Hyper-V, VMware

**Networking & Security:** FortiGate Firewall (600E/400E), FortiAnalyzer, FortiView, VPN, SD-WAN, LAN/WAN, VLANs, IP Subnetting, iptables, firewalld.

**Cloud Platforms:** AWS (EC2, VPC, IAM, S3, Route53, Load Balancing, Auto Scaling, CloudFormation, Lambda)

**Containerization & Orchestration:** Docker, Kubernetes (EKS, ECS), Jenkins

**Monitoring & Automation:** Zabbix, Prometheus, Bash Scripting, Shell Scripting, CloudFormation

**Backup & Recovery:** Windows Server Backup, Veeam, Azure Backup

**Office 365:** User Management, Mailbox Setup, Teams Configuration

## Certifications

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- Certified Solution Architect Associate (SAA-C03). AWS (FG8SL5H1XERQQZWR)
- Certified LINUX Administrator (Udemy)

## Education

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### Gates Institute of Technology (JNTUA)

B.Tech in Computer Science and Engineering 2018

Vivekananda Junior College 2013

Z.P.H.S School 2011