

HAMAD TARIQ

IT ADMINISTRATOR AND DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

A DevOps-focused IT Administrator with 4+ years of experience designing secure networks, managing Linux/Windows infrastructure, and deploying automated CI/CD and containerized environments. Proven success building scalable application hosting systems, optimizing SQL/ERP performance, strengthening security policies, and improving IT operations in fast-paced environments. Skilled in Docker, GitHub Actions, Nginx/Apache, virtualization, and Microsoft 365 administration.

CORE SKILLS

DevOps & Automation: Docker, GitHub Actions CI/CD, Bash/Python scripting, automated deployments

Servers & Infrastructure: Linux (Ubuntu, CentOS), Windows Server 2016/2019/2022, AD/Group Policies, IIS, Apache/Nginx

Networking & Security: LAN/WAN, VLANs, DHCP/DNS, Mikrotik/SonicWall, VPNs (OpenVPN, SSTP, IPSec), traffic monitoring

Databases & Applications: MS SQL Server, MySQL, maintenance plans, query optimization, ERP deployments

Virtualization & Storage: VMware Workstation, Hyper-V, VirtualBox, NAS/SAN, RAID, backup automation

Cloud & Microsoft 365: Azure AD basics, Intune, SharePoint/Teams admin, license management

KEY PROJECTS

Self-Managed Production Infrastructure (Multi-Client ERP & Web Systems)

- Designed and implemented a cost-efficient, high-performance two-tier infrastructure using dual Virtual Dedicated Servers (VDS, Dubai region) to replace costly AWS EC2/RDS workloads, reducing operational costs and improving latency for Pakistan-based users.
- Architected logical separation of concerns: a dedicated Database Server (Microsoft SQL Server, MySQL) and a dedicated Application Server (.NET MVC, Laravel, REST APIs via IIS).
- Implemented enterprise-grade security hardening: endpoint protection (Bitdefender Small Business Security with centralized monitoring), RDP restricted to office static IPs, database access limited to trusted internal networks, custom service ports and hardened firewall rules.
- Enforced least-privilege access control, including a dedicated application-publishing user with restricted read/write access to IIS directories only, eliminating unnecessary admin access for developers.
- Implemented end-to-end encryption (SSL/TLS), enforcing HTTPS-only access via domain/subdomain bindings with no direct IP-based access.
- Designed and automated database backup and disaster recovery: SQL Server full/differential backups with automated cleanup, SQL Audit logging, and scheduled compressed backup transfers to an on-premises server for off-server and on-prem redundancy.
- Secured remote work access using WireGuard VPN on MikroTik with per-employee key-based peers, enabling secure LAN and internal-IP-only RDP access without exposing servers to the public internet.
- Hardened office infrastructure by disabling public RDP on workstations, enforcing LAN-only access via VPN.
- Optimized infrastructure for performance, scalability, and availability, supporting multiple production ERP, POS, and web applications with consistent uptime and low latency.
- Actively monitored security events, system health, and access logs, applying DevSecOps best practices across infrastructure and application layers.

PROFESSIONAL EXPERIENCE

IT Administrator & DevOps Engineer, Prismatic Technologies Limited

Nov 2023 - Present

Prismatic Technologies Limited is a subsidiary of Tariq Abdul Ghani Maqbool & Co.; role also covers group-level IT infrastructure and consultancy support for the parent company.

- Engineered and maintained enterprise network infrastructure, including LAN/WLAN, routing, switching, VLANs, VPNs, firewall policies, NAT, and QoS to ensure secure and reliable connectivity.

- Managed Linux and Windows servers across on-premises and cloud environments, maintaining stable hosting platforms for development, staging, and production workloads.
- Deployed and maintained Laravel, WordPress, ASP.NET/.NET Core, Python, Node.js, React, and MongoDB applications using Apache, Nginx, Docker, and CI/CD automation.
- Configured DNS, domains, subdomains, SSL certificates, virtual hosts, reverse proxies, cron jobs, queue workers, and Supervisor for secure and optimized application hosting.
- Administered GitHub repositories, branch management, deployment workflows, and GitHub Actions to streamline software delivery.
- Diagnosed and resolved server, database, application, SSL, email (SMTP), and deployment issues, reducing downtime and improving service availability.
- Supported ERP infrastructure by coordinating application deployments, SQL Server optimization, and routine database maintenance.
- Planned and executed server, website, database, and NAS backup strategies, migrations, and disaster recovery procedures.
- Enhanced system security through firewall management, Active Directory, Group Policy, automated patching, access controls, and server hardening.
- Partnered with development teams to provision infrastructure, support deployments, and maintain high-performance cloud and on-premises environments.
- Additionally support group-level Microsoft 365 administration (user provisioning, licensing, Teams/SharePoint, Intune), core file-server infrastructure, and disaster-recovery workflows for the parent company, Tariq Abdul Ghani Maqbool & Co.

IT Support Engineer, Muslim Hands Pakistan

Feb 2021 - June 2023

- Provided multi-department hardware/software support with high resolution rates.
- Managed online portals, generated operational reports, and supported QA/QC.
- Improved ticket workflows and contributed to more stable IT operations.

Financial Advisor, Hemaya Family Takaful

Dec 2018 - Feb 2020

- Guided clients on financial services, handled bookkeeping and reporting, and supported departmental workflows and performance targets.

EDUCATION

Bachelor of Science in Information Technology (BSIT) - University of Sargodha	Nov 2017 - Dec 2022
FSc (Pre-Engineering) - Punjab Group of Colleges	2015 - 2017
Matriculation - Govt. High School, Jhawarian	2015 - 2017

CERTIFICATIONS AND TRAININGS

Certified in Cybersecurity (CC) - ISC2 Issued Nov 2025 | Valid 3 years
 Cisco Networking Academy - Introduction to Cybersecurity (2020)
 CCNA (Training)
 CompTIA A+ (Training)

ADDITIONAL INFORMATION

Languages: English (C2), Urdu and Punjabi (Native)
 Soft Skills: Leadership and Teamwork, Informed and Updated, Creative Problem Solving, Critical Reasoning