MUHAMMAD FAIZAN

Infrastructure & DevOps Engineer

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Open to On-site, Hybrid & Remote Roles · Senior IT Executive & DevOps Engineer at Terafort

PROFESSIONAL SUMMARY

DevOps Engineer and Senior IT Executive with 3+ years of hands-on experience across cloud infrastructure (AWS, Microsoft Azure, Google Cloud Platform), DevOps and CI/CD automation, systems administration, and enterprise networking and security. Promoted to Senior IT Executive & DevOps Engineer at Terafort within five months, and now heads the entire IT department there. Built and administer a cost-optimised self-hosted GitLab on AWS serving 200+ users at ~$70/month, and build CI/CD pipelines (GitLab CI/CD, GitHub Actions) deploying Django and Next.js applications and games to AWS and Vercel. Career foundation as the sole IT officer for an entire industrial site, redesigning its complete IT infrastructure. Currently leading LLMOps adoption with a LiteLLM gateway and custom MCP (Model Context Protocol) connectors for Claude.

CORE TECHNICAL SKILLS

Cloud Platforms: Amazon Web Services (AWS – EC2, S3, RDS, IAM, Route 53, VPC, Cost Optimization), Microsoft Azure, Google Cloud Platform (GCP – BigQuery, Google Play Console), Vercel

DevOps & CI/CD: Docker, GitLab CI/CD, GitHub Actions, Git, Self-Hosted GitLab Administration, CI/CD Pipeline Design, Deployment Automation, Infrastructure Management, Terraform (Infrastructure as Code), Prometheus & Grafana Monitoring

Systems Administration: Windows Server, Active Directory, Linux, Virtual Machines (VMs), Remote Desktop (RDP), DNS, DHCP, Server Monitoring, Backup & Recovery, Data Recovery

Networking & Security: MikroTik, pfSense Firewall, VLANs, VPN Tunnels, LAN/WAN, Routing & Switching, Ruckus Wireless Access Points, RADIUS Server, Hotspot Configuration, Network Security, CCTV (IP & Analogue Cameras, DVR/NVR)

Application & Web Deployment: Django, Next.js, Nginx, PostgreSQL, SSL/TLS Certificates, cPanel, Website Deployment, Domain & Hosting Management (Namecheap, GoDaddy)

AI, LLMOps & Automation: LiteLLM (LLM Gateway, API Key & Budget Management), MCP (Model Context Protocol) Server Connectors for Claude, n8n Workflow Automation, Agentic AI, AI Workflow Automation

IT Operations & Workspace: Google Workspace Administration, Microsoft 365, ERP Support, IT Asset Management, IT Procurement, Vendor Management, User Access Management, Technical Support & User Training

Subscriptions & Spend Management: SaaS & AI Tool Subscription Management, Cloudflare Management, Brex Corporate Card Administration, Google Workspace Subscriptions, LLMOps Subscription & Cost Management

PROFESSIONAL EXPERIENCE

Senior IT Executive & DevOps Engineer **Oct 2025 – Present**

Terafort Limited — Gaming & Mobile Apps Studio · Lahore, Pakistan

Joined as IT Executive (Oct 2025); promoted to Senior IT Executive & DevOps Engineer after 5 months (Mar 2026); now heads the whole IT department.

- Head the whole IT department and own cloud, DevOps and end-to-end IT operations for 200+ users: infrastructure, networking, security, deployments and user support.
- Deploy and administer a self-hosted GitLab on AWS with custom domain and SSL, cost-optimised to ~$70/month, and manage its repositories, projects and user access.
- Build CI/CD pipelines with GitLab CI/CD and GitHub Actions to automate testing and deployment of Django and Next.js applications and games to AWS and Vercel.
- Administer multi-cloud infrastructure (AWS, Azure, GCP) alongside on-premises servers, virtual machines (VMs) and Active Directory.
- Manage network and security: pfSense firewall policies, MikroTik routing, VLANs, VPN tunnels for secure remote access, and Ruckus wireless access points.
- Deployed LiteLLM as the central LLM gateway for API key, budget and model-routing management, and built custom MCP server connectors integrating internal tools with Claude AI workflows.
- Administer Google Workspace, enterprise DNS and domains/hosting (Namecheap, GoDaddy), cPanel email, and the company website build and deployment.
- Manage company subscriptions and spend across SaaS and AI tools, Cloudflare, Google Workspace and LLMOps services, including Brex corporate card administration.

- Lead IT asset procurement and vendor dealing for infrastructure, deployments and company-wide IT requirements.

Network Consultant **Aug 2025 – Present**
Winterland Pakistan · Lahore, Pakistan · Hybrid
Concurrent consulting role.
- Consult on network services, infrastructure and server administration.
- Support IP CCTV and surveillance systems alongside core network operations.

IT Executive **Apr 2025 – Oct 2025**
The Hexaa — Software House & Gaming Studio (Games, Web Development & AI) · Lahore, Pakistan
- Led AI automation and deployment work: built AI application workflows and automations with n8n and agentic AI tools, and deployed applications, AI tools and updates for the studio's games and web projects.
- Deployed and maintained servers and hosting environments for web and AI projects, using GitHub and GitLab for version control, collaboration and deployment workflows, alongside Google Workspace administration.
- Led day-to-day IT operations and user support in a software-house and gaming-studio environment, managing network, CCTV and server infrastructure.
- Administered Active Directory, Windows Server and Remote Desktop (RDP) infrastructure, and configured routers, switches (MikroTik, TP-Link) and firewall security.
- Managed backups, system updates, endpoint security, IT procurement and vendor dealing, supported reverse-engineering and troubleshooting tasks, and proactively monitored and resolved network performance issues.

IT Officer **Mar 2023 – Apr 2025**
Fine Packages (Pvt) Ltd — Industrial / Manufacturing · Lahore, Pakistan
- Sole IT person for the entire industrial site; redesigned the complete IT and network infrastructure from the ground up.
- Configured MikroTik routing and hotspot services and a RADIUS server; managed LAN/WAN, network security and server monitoring and optimisation.
- Installed and managed analogue and IP CCTV systems with DVR/NVR storage; administered the RDP server and Active Directory for authentication and secure remote access.
- Managed ERP software and troubleshooting in coordination with ERP vendors, company email, cPanel and company websites, and backup and data-recovery processes.
- Provided hardware and software troubleshooting, IT support and training to all users, and owned IT procurement, vendor dealing and the full hardware and software lifecycle.

KEY PROJECTS

Self-Hosted GitLab on AWS — Solo Project: Deployed and manage a self-hosted GitLab instance on Amazon Web Services (AWS) serving 200+ developers — repositories, projects, CI/CD pipelines and user access — running at under $100/month (optimised to ~$70/month).

Prometheus — Data Analytics & Monitoring Dashboard: Built and deployed a data analytics dashboard covering 200+ apps and games, aggregating data from Google Play Console and other platforms using BigQuery, hosted on AWS (EC2, RDS) and provisioned with Terraform (Infrastructure as Code), integrated with Grafana for data visualisation, with a CI/CD pipeline and Discord notifications.

EDUCATION

Bachelor of Business & Information Technology (BBIT) — Virtual University of Pakistan **· 2023 – 2027 (Expected) · Final Semester**

Intermediate in Computer Science (ICS) — Superior College (Superior Group of Colleges), Burewala **· Completed 2022**

Matriculation — Science — KPS School, Burewala **· Completed 2020**

CERTIFICATIONS

AWS DevOps — In Progress · Computer System Engineering — 1-Year Certificate · CCNA — Skills-Based Knowledge · Cyber Security Certification

ADDITIONAL INFORMATION

Languages: Urdu (Native), English (Professional) · Nationality: Pakistani · Based in Lahore, originally from Burewala, Punjab · Services: Cloud Management, Cloud Application Development, IT Consulting, Computer Networking, Cybersecurity, Backup & Recovery, Data Recovery · References: Available upon request