



MK

## CONTACT

### Email

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### Work

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### Phone

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### Location

Karachi, Pakistan · Remote (US TZ aligned)

### GitHub

github.com/samikhankhan94pk

## TECHNICAL SKILLS

### Cloud & Identity

Microsoft 365, Azure, Active Directory, Entra ID

### Security

SentinelOne, ESET, Sophos, Kaseya, Zero Trust, Intune

### Networking

SonicWall, Palo Alto, Cisco, Fortinet, MikroTik, VLAN, GPON

### Backup & DR

Veeam, Cohesity, Datto, MSP360, StorageCraft, Axcient

### Virtualization

Hyper-V, VMware ESXi, Windows Server

### Automation

PowerShell, Python, Bash

### MSP Ops

ConnectWise, RMM, PSA

### VoIP

Asterisk

## CERTIFICATIONS

### CCNA

Cisco · Active

### ConnectWise Expert

ConnectWise · Active

### ConnectWise Professional

ConnectWise · Active

### Azure Fundamentals

Microsoft · Pursuing 2026

## LANGUAGES

English — Fluent

Urdu — Native

# Muhammad Abdul Sami Khan

Senior Systems Engineer · Cloud · MSP · Infrastructure

Senior Systems Engineer with 7+ years across MSP and enterprise environments — specializing in Microsoft 365, Azure, PowerShell automation, Veeam disaster recovery, and Zero Trust security. Fully aligned with US time zones with redundant power and internet for remote-first delivery.

## PROFESSIONAL EXPERIENCE

### Senior Systems Engineer

*Realtime Information Services — Fresno, CA (Remote)*

Nov 2024 — Present

- Manage IT infrastructure and client networks in a high-tier MSP, delivering scalable solutions under strict SLAs.
- Administer Microsoft 365 and Azure with PowerShell automation for AD management and M365 license auditing.
- Design and implement backup & DR using Veeam, Cohesity, StorageCraft, and Axcient.
- Configure secure VPNs and complex VLAN routing with SonicWall and Palo Alto firewalls.
- Oversee endpoint protection and threat management with Sophos and Kaseya Security Suite.

### Assistant Manager II (Electrical / IT)

*Army Housing Directorate — Karachi*

Feb 2021 — Nov 2024

- Maintained critical IT infrastructure across multiple sites — fiber-optic backbone and 70+ enterprise switches.
- Led a technical team of 40+ professionals delivering IT services on schedule and within SLA.
- Designed customized backup and DR strategies, improving data availability and reducing downtime.

### Assistant Manager (Networking)

*Surveillance Security Systems — Karachi*

Sept 2019 — Jan 2021

- Configured Cisco, Fortinet, TP-Link, and MikroTik environments with advanced firewall and switch configs.
- Implemented Asterisk VoIP telephony connecting remote offices for 40+ end users.
- Automated repetitive networking tasks with Bash scripting.

### Electrical Engineer / IT Manager

*Gulab Devi Educational Complex — Lahore*

Sept 2018 — May 2019

- Directed a team of 10+ to implement campus-wide network infrastructure with extensive Wi-Fi & Ethernet.
- Upgraded core infrastructure with server virtualization and centralized storage.
- Implemented Asterisk telephony connecting the complex and hospital for 80+ users.

## SELECTED PROJECTS

### Multi-Tenant Zero Trust & EDR Rollout

Rolled out SentinelOne MDR and Intune across MSP tenants — secured 1,500+ endpoints with a 60% MTTR reduction.

### Enterprise Backup & Cloud Migration

Migrated multiple clients to SharePoint and Axcient — \$15K annual savings with zero downtime.

### Critical Host Infrastructure & DR Overhaul

Veeam B&R; overhaul across Hyper-V clusters — 99.99% backup success and RTO under 15 minutes.

### Network Modernization (Fiber + 70+ Switches)

Modernized core network with HA and centralized monitoring — 40% data-center footprint cut, \$10K OpEx saved.

## EDUCATION

**BE Electrical Engineering** — DHA Suffa University, Karachi · 2014–2018