Michael Fedorovsky
Computer Technician | System Administrator | Technical Support Specialist

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Expert Computer Technician with 2 years hands-on experience in hardware diagnostics, system repair, OS troubleshooting, and network configuration. Skilled in Windows/Linux system administration, PC assembly/upgrade, laptop repair, data recovery, and automated system optimization. Built 100+ diagnostic and repair tools including Windows startup analyzers, system repair utilities, and automated troubleshooting scripts. Strong customer service focus with ability to explain technical concepts to non-technical users.

🔧 TECHNICAL EXPERTISE

Hardware	**PC Assembly & Repair:** Desktop/laptop disassembly, component replacement, upgrades • RAM, SSD/HDD, GPU, PSU, motherboard installation • Thermal paste application, cooling systems
Diagnostics	**Tools & Testing:** Memtest86, CrystalDiskInfo, HWiNFO, CPU-Z, GPU-Z, Prime95 • Hardware diagnostics, stress testing, benchmark analysis, failure isolation
Operating Systems	**Windows:** 10/11 installation, configuration, troubleshooting, repair, optimization • DISM, SFC, Registry editing, Event Viewer • **Linux:** Ubuntu, Debian, system administration
System Repair	Boot failure recovery, BSOD troubleshooting, driver issues, malware removal, system restore, clean installation, data migration, BIOS/UEFI configuration
Networking	LAN/WLAN setup, router configuration, IP addressing, DNS troubleshooting, network diagnostics (ping, tracert, ipconfig, netstat), firewall configuration, VPN setup
Data Recovery	File system repair, partition recovery, backup/restore procedures, data migration, disk cloning, RAID recovery basics
Software	OS installation, driver updates, application deployment, software troubleshooting, antivirus/security tools, system optimization utilities
Virtualization	VMware, VirtualBox, Hyper-V, Proxmox • VM creation, configuration, snapshots, troubleshooting
Automation	**Scripting:** PowerShell, Batch, Bash for automated diagnostics, system maintenance, repair tasks • Task Scheduler, startup optimization
Mobile Devices	Android troubleshooting, ADB commands, USB debugging, device monitoring, firmware flashing basics
Peripherals	Printer setup/troubleshooting, scanner configuration, external storage devices, USB/Bluetooth troubleshooting, display connectivity
Security	Malware removal, antivirus deployment, Windows Defender configuration, security best practices, user account management, encryption basics
Backup/DR	Backup solutions (Macrium Reflect, Windows Backup), disaster recovery planning, system imaging, data archiving
Remote Support	TeamViewer, AnyDesk, Remote Desktop, SSH, remote diagnostics, remote software installation
Documentation	Technical documentation, troubleshooting guides, customer communication, ticket management (Jira), knowledge base creation
Customer Service	Technical support, user training, problem resolution, clear communication of technical issues, patience with non-technical users

💼 PROFESSIONAL EXPERIENCE

Computer Technician / System Administrator @ TovTech   2 Years

- Diagnosed and repaired 500+ hardware/software issues: boot failures, driver problems, BSOD errors, network connectivity
- Performed PC builds, upgrades, and component replacements including RAM, SSD/HDD, GPU, motherboard, PSU installations
- Automated Windows startup optimization reducing boot times 60% using custom diagnostic tools
- Managed system backups, data recovery, and disaster recovery procedures achieving 99.9% data integrity
- Provided remote and on-site technical support with high customer satisfaction ratings
- Created automated system repair scripts (PowerShell/Batch) for common Windows 10/11 issues

🔧 TECHNICAL PROJECTS & TOOLS

StartupMaster Diagnostic Tool
C# • .NET • Windows System Analysis
Production Windows startup analyzer: boot impact estimation, safe-to-disable filtering, system tray integration, automatic optimization recommendations

Windows System Repair Suite
PowerShell • DISM • System Recovery
Automated repair tools: Win11Reset, Win11Repair, PrebootRepair, FixWin11 - one-click system diagnostics and recovery

AndroidMonitor Device Tool
C# • ADB • Real-time Diagnostics
Android device monitoring via USB: automated health checks, battery status, storage analysis, app management, system logs

Network Optimization Tool
PowerShell • Network Diagnostics
MaximizeEthernet - automated network performance tuning, DNS optimization, latency reduction, bandwidth testing

Backup Automation System
PowerShell • File Management
Multi-tier automated backup: system files, user data, application configs with scheduling, rotation policies, integrity verification

System Monitoring Dashboard
Grafana • Prometheus • Windows Monitoring
Real-time system health monitoring: CPU, RAM, disk usage, temperatures, network traffic with alerting for critical thresholds

Driver Update Automation
PowerShell • WMI • Device Management
Automated driver detection, download, installation scripts for graphics, network, chipset drivers with rollback capability

Malware Removal Toolkit
Batch • PowerShell • Security Tools
Comprehensive malware removal: safe mode boot automation, rootkit detection, browser cleanup, registry repair, security hardening

Data Recovery Scripts
PowerShell • File System Tools
Automated data recovery from corrupted drives, deleted file restoration, partition recovery scripts, file carving utilities

PC Health Check Tool
C# • System Diagnostics
Comprehensive PC diagnostics: hardware stress testing, temperature monitoring, S.M.A.R.T. analysis, performance benchmarking

Automated OS Deployment
PowerShell • Windows Imaging
Unattended Windows installation with driver injection, software pre-installation, user profile setup, network configuration

Remote Support Toolkit
PowerShell • Remote Desktop • Scripts
Remote diagnostics and repair: system info collection, log analysis, remote script execution, automated troubleshooting

Virtual Lab Environment
VMware • VirtualBox • Proxmox
Testing environment with multiple OS configurations for troubleshooting scenarios, software compatibility testing, training

Inventory Management System
Python • Database • Reporting
Hardware inventory tracking: PC specs, warranty info, repair history, component stock management, automated reporting

BIOS/UEFI Utilities
Batch • PowerShell • Firmware Tools
BIOS configuration backup/restore, boot order management, secure boot configuration, TPM enablement scripts

USB Bootable Tools
Windows PE • Linux Live USB
Bootable diagnostic USB drives: system rescue, partition management, password reset, data recovery, malware scanning

Print Server Management
Windows Server • Print Management
Centralized printer deployment, driver management, print queue monitoring, automated troubleshooting scripts

User Migration Tool
PowerShell • File Transfer
Automated user profile migration: documents, settings, browser data, email, application configs from old to new PCs

🎓 EDUCATION & CERTIFICATIONS

Data Analysis & System Administration Program
TovTech (1 Year) • System diagnostics, automation, technical analysis

Engineering Preparatory Year
Ariel University • Physics, Mathematics, Technical English

Self-Taught Certifications
CompTIA A+ preparation, Microsoft certifications, Linux system administration courses