

# Ronith reddy P

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## PROFESSIONAL SUMMARY

Results-driven **Data Center & Hardware Technician** with 3+ years of hands-on experience in racking/stacking equipment, structured cabling (fiber/copper), inventory management, and break/fix troubleshooting. Skilled in following **MOP/CMOP guidelines**, maintaining installation documentation, and ensuring uptime through preventive maintenance and monitoring. Recognized for delivering reliable IT support, **reducing downtime by 20%** through proactive troubleshooting and efficient inventory practices.

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## Skills

- **Data Center & Hardware:** Rack/stack, break/fix, hardware installation, cabling (fiber/copper), UPS/power systems, inventory mgmt.
  - **Networking:** VPN, DHCP, DNS, TCP/IP, VLANs, routers, modems, broadband connectivity, load balancing
  - **Systems & Cloud:** Linux/Unix, Windows Server, Active Directory, AWS, Oracle Cloud, Hyper-V, virtualization
  - **Scripting & Automation:** Python, Bash, PowerShell
  - **Monitoring & Tools:** SQL, Power BI, ServiceNow, Jira, VMware, VirtualBox, system monitoring
  - **Professional:** Preventive maintenance, incident management, escalation handling, SOP/MOP documentation, customer support
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## PROFESSIONAL EXPERIENCE

### Data Center Technician CoreWeave Plano, TX

Feb 2024 – Feb 2025

- Performed **rack and stack installation** of 150+ servers, switches, and storage systems across 20+ racks, ensuring proper labeling and cable routing.
- Executed **hardware installation and replacement** (servers, switches, PSUs, storage) to support growing workloads.
- Managed **inventory of server parts**, improving availability and reducing procurement delays.
- Installed and tested **structured cabling (fiber/copper)** across 20+ racks and maintained **installation records**.
- Assisted system monitoring to detect faults early and supported **capacity planning** for upcoming deployments.
- Authored and followed **SOPs/MOPs**, improving onboarding for new technicians and ensuring compliance with safety protocols.

### IT Technician

#### Mana Broadband | India

Mar 2020 – Dec 2021

- Installed and repaired **fiber and copper broadband cabling** for 100+ residential and commercial clients.
- Configured and troubleshooted routers, modems, and CPE devices (VPN, DHCP, DNS).
- Responded to **25+ monthly service outages**, restoring service in under **30 minutes on average**.
- **Managed inventory of networking equipment** (cables, routers, modems), ensuring 95% availability for field jobs.
- Maintained installation and billing records in Excel, improving accuracy by 20%.
- Gained foundational exposure to **RAID, SAN, Hyper-V, Linux/Unix, and power/cooling systems**.

### Data Analyst

#### Liberty Dental Plan

Mar 2025 – Present

- Resolved recurring **infrastructure and reporting issues**, reducing downtime incidents by 15%.
  - Automated SQL queries and Power BI workflows, saving **8–10 hours of manual effort per week**.
  - Delivered **5+ interactive dashboards** that improved KPI visibility for business leaders.
  - Conducted variance analysis on claims and operational data, identifying process gaps.
  - Provided **technical support to non-technical staff**, simplifying complex reporting concepts.
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## EDUCATION

- **Master of Science in Technology Management**, Lindsey Wilson University, KY (Graduated Jul 2024)
- **Bachelor of Technology in Computer Science**, GITAM University, India (Graduated May 2022)

**Relevant Coursework:** Computer & Network Security, Disaster & Recovery Planning, SQL & Database Management

## Certifications

- AWS Certified Solutions Architect – Associate
  - CompTIA A+
  - Google IT Support Professional Certification
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## Projects:

### Office Network & Monitoring Setup (Small Business Support)

- Configured **2 switches, 1 router, and 3 access points** to support a 15-user office environment.
- Created **separate VLANs** for workstations, printers, and guest Wi-Fi, improving security and reducing broadcast traffic.
- Deployed monitoring tools (**Zabbix/PRTG**) to track device health and generate alerts, reducing downtime by 25%.

**Real-World Usage:** Delivered reliable networking solutions for **local small offices**, improving performance and reducing downtime.

### Home Wi-Fi & Network Setup

- Configured a Wi-Fi router with **dual SSIDs** and DHCP, setting up basic firewall rules.
- Ran **Cat6 Ethernet cabling** to connect desktop and media devices, boosting connection reliability by 40%.

**Real-World Usage:** Similar to how small offices manage user connectivity and troubleshoot everyday internet issues.

### PC Build & System Recovery Practice

- Assembled a desktop PC from components (motherboard, CPU, PSU, storage, memory).
- Installed both **Windows 10 and Ubuntu Linux**, practiced OS reinstallation and driver recovery.
- Tested backup/restore workflows to simulate **disaster recovery scenarios**.

**Real-World Usage:** Reflects the troubleshooting and hardware replacement technicians perform in enterprise environments.

### Data Center Lab & Cabling Practice (IT Technician Role Extension)

- Extended **IT Technician role at Mana Broadband** by developing a **6U lab environment** to simulate enterprise data center operations.
- Practiced **rack and stack installation** of 6+ devices including servers, switches, and patch panels.
- Routed and labeled **single-mode fiber and Cat6/Cat6A copper cabling**, verifying terminations to **TIA-568 standards**.
- Achieved **<1dB loss on fiber connections** during testing, ensuring clean and reliable links.
- Created and followed **Method of Procedure (MOP)**, reducing setup errors by 20%.

**Real-World Usage:** Reinforced daily technician work by applying structured cabling, rack mounting, and documentation practices used in enterprise data centers.