

# Paras Shrawaney

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## EDUCATION

G.h. Raisonni Academy of Engineering and Technology

Bachelor of engineering - Computer Science & Engineering

March 2021 - July 2023

## EXPERIENCE

Analyst

November 2023 - October 2024

HCL Tech

Nagpur, In

With one year of experience in IT, I worked as an IT Analyst supporting the Ford project.

- Diagnosed and resolved network connectivity issues
- Troubleshoot Cisco AnyConnect and Cisco Secure Client issues, including authentication failures, connectivity disruptions, and policy enforcement.
- Handled provisioning and deprovisioning of user access based on security policies and business requirements
- Logged, tracked, and resolved tickets using Smart IT, ensuring compliance with SLAs.
- Managed Azure Active Directory (Azure AD) roles and role-based access control for users and groups based on project-specific requirements

## PROJECTS

Self-Hosted Media Hub

Built a secure, multi-functional home server with virtualized Ubuntu, enabling remote media streaming, cross-platform file sharing, dynamic DNS access, and remote network management.

- Designed and deployed a personal **home server** using **Ubuntu Server** virtualized in **VirtualBox** with static IP assignment for consistent network identification.
- Implemented secure remote connectivity using **PiVPN** with **WireGuard**, and Duck DNS for dynamic hostname resolution.
- Configured **Samba (SMB)** for cross-platform personal cloud file sharing, enabling seamless access from Windows, macOS, and Linux clients.
- Set up secure shared directories with customized permissions for multi-user access.
- Deployed Jellyfin as a self-hosted media server for streaming music and videos across devices.

PiShield

Created a secure, low-cost home network solution combining Pi-hole ad-blocking with WireGuard VPN for encrypted, remote, and ad-free internet access.

- Created a virtualized Ubuntu Server environment using **VirtualBox** for isolated, low-cost hosting
- Installed and configured **Pi-hole** for DNS-level ad blocking across all connected devices.
- Set up **PiVPN** with **WireGuard** to enable encrypted, remote access to the home network.
- Integrated Pi-hole with the VPN so clients receive ad-blocking even outside the local network.
- Configured router settings for port forwarding and static IP assignment to ensure stable connections.

## TECHNICAL SKILLS

Core Networking:

- TCP/IP, UDP, DNS, DHCP, HTTP/S, OSI
- Network Monitoring and Troubleshooting
- Network Performance Optimization
- CompTIA Network+ trained

Tools / Technologies:

- Linux/Unix Network Administration
- Bash, PowerShell
- OpenVPN, WireGuard, Cisco AnyConnect
- Network Virtualization

Programming Languages:

- Python, Java