

Parmar Rahul Singh Satbir

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ABOUT

I am committed to building a successful career with an organization that provides opportunities to apply my theoretical, logical, and technical skills in a practical, real-world environment. Passionate network engineer with expertise in protocols, infrastructure design, and security. Effective communicator and problem-solver, adept at collaborating with cross-functional teams. Committed to continuous learning. Eager to contribute to challenging projects, enhancing network performance and driving organizational growth.

EDUCATION

- **JSpiders** Bangalore, India
Java FullStack Development *June 2021 – June 2022*
- **Thakur College of Engineering and Technology** Mumbai, India
B.E in Computer Engineering; CGPI: 7.03 *Aug 2016 – July 2021*
- **Thakur Vidya Mandir Jr College** Mumbai, India
HSC in Science *May 2014 – Feb 2016*

EXPERIENCE

- **Alfa KPO** Mumbai, India
Network Engineer *Oct 2023 - Present*
 - **Network Infrastructure Management:** Overseeing the management and troubleshooting of the company's network infrastructure, ensuring optimal performance and minimal downtime.
 - **Advanced Security Protocols:** Implementing advanced security protocols and measures to safeguard company data and prevent breaches.
 - **Bandwidth Monitoring and QoS:** Monitoring bandwidth, ensuring Quality of Service (QoS), and investigating potential threats in the network.
 - **Access Policy Management:** Managing access policies through Active Directory, Sophos Endpoint Protection, and Sophos Firewall.
 - **Vulnerability Assessment and Penetration Testing:** Conducting vulnerability assessments and penetration testing, preparing monthly reports, and updating security policies and procedures accordingly.
- *Oct 2022 - Oct 2023*
IT Executive
 - **Troubleshooting and Maintenance:** Specialized in LAN infrastructure troubleshooting, utilizing tools such as Sophos Endpoint Protection, SNMP tool Domotz, and Sophos Firewall to address application, OS, remote application connectivity, and network issues.
 - **System and Network Automation:** Successfully automated system initialization, OS installation, network configuration, and software installation, reducing human error and enhancing efficiency.
 - **SOP Development:** Created and implemented Standard Operating Procedures (SOPs) to ensure consistent network management practices across all company locations.
 - **Security and Threat Management:** Monitored and investigated potential threats in Firewall and Sophos Endpoint Protection systems.

TECHNICAL SKILLS

- **Core Java:**
 - Very strong knowledge on **OOPS** concepts like **Method overloading** and **Method overriding**.
 - Good knowledge on **Inheritance**, **Polymorphism**.
 - Having good knowledge on **Abstraction** and **Encapsulation**.
 - Strong knowledge on up **casting** and **down casting**.
 - Very good knowledge on **constructors** and **interface**.
 - Good practical knowledge on **Collection Frameworks** like **List**, **Queue** and **Set**.
 - Good in **Exception Handling** and written many custom Exceptions.
 - Having basic Knowledge on **threads**

- **SQL:**
 - Good understanding of **RDBMS** concepts.
 - Exposure to **constraints** (PK, FK, NOTNULL, UNQ, CHECK).
 - Ability to write queries using **joins, sub queries, grouping** etc.
 - Knowledge of **DDL, DML, TCL**.
- **Information And Technologies:**
 - Configuration and upgrades Firewalls, Routers, Switches, Modems, and more.
 - Installation and configuration **Windows Servers, Active Directory, GPO, DNS, Zone Solution, LAN, WAN, VPN, DHCP, IIS, Firewalls, VMware, TFTP, Remote Solutions, VOIP, CCTV, Bio-Metric Devices, and Hyper-V, keeping up with the latest advancements.**
 - Proficiency in the latest Windows Platforms (Windows Server 2019, 2022, Windows 10, Windows 11).
 - Webserver administration expertise **IIS, Apache, Wamp, Xamp, Lampp, PhpMyadmin** and mastery of modern Control Panel solutions **WHM, Parallel Plesk, Cpanel**.
 - Basic knowledge in the latest Linux and macOS Platforms (Ubuntu, Debian, CentOS, Red Hat, Fedora, Kali Linux, Parrot OS, macOS Big Sur, macOS Monterey and more).
 - Network monitoring, problem resolution, maintenance, and repair.
 - A history of training and mentoring team members.

PROJECTS

- **HomeLab Server:** Created and managed a Linux server with various functionalities, including a home multimedia server (Jellyfin), web server (Apache), file server (Nextcloud), SMB server (Windows Network File Manager), SSH etc.
- **Endless Runner Game:** A fun game made using unity based on concept of game 'Zig-Zag'.
- **Java-Core Programmings:** Open Source from basic java-core Programming and OOPS concept.
- **Custom Password Manager:** Deployed an open-source custom password manager to securely store and share authentication and employee credentials within the organization.
- **Inventory Management System:** Developed and deployed an inventory management system to maintain hardware tracks and records, including assignments and maintenance.
- **Mattermost Chat Application:** Implemented and maintain an open-source chat application, Mattermost, to provide a secure communication platform with administrative control over user data and security.

SKILLS

- **Programming language :** *Experienced:* JAVA, SQL, J2EE *Familiar:* Python, JavaScript, HTML, CSS
- **Software Developmenent:** My-SQL and Oracle DBMS, GIT, JDBC, Jakarta EE, Servlet, JSPs, Maven
- **Framework and libraries :** Spring, Hibernate, Apache Tomcat, Java Servlet API, MySQL Connector/J
- **IT Infrastructure and Networking:** PowerShell, Data backups, System upgrades, TCP/IP, DHCP, DNS, VPN, VLAN, Firewalls and VPNs, Network Administration
- **Technologies:** RDP, AWS ec2, GitHub, AWS, VMware, Virtual Machine
- **Language:** *Native:* Hindi *Fluent:* English *Familiarity:* French

REFERENCES

For more details on the projects and implementations described, please visit my GitHub repository:

<https://github.com/RahulSinghParmar/resume>