

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. As a network engineer with expertise in protocols, infrastructure design, and security, I focus on collaborating with cross-functional teams to improve network performance and contribute to organizational growth. Dedicated to continuous learning and ready to take on challenging projects.

EDUCATION

- **JSpiders** Bangalore, India
Java FullStack Development
- **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 *June 2023 - Present*
 - **Network Infrastructure Management:** Managed and troubleshooted the company's network infrastructure, reducing downtime by 15% and ensuring 99.9% uptime.
 - **Network Administration:** Configured VLANs, static routing on Brocade L3 and Cisco switches, and assigned IP addresses for user systems, ensuring seamless network connectivity.
 - **Advanced Security Protocols:** Implemented advanced security measures, preventing data breaches and securing sensitive information.
 - **Bandwidth Monitoring and QoS:** Monitored bandwidth usage and ensured optimal Quality of Service (QoS), resolving potential threats in the network.
 - **Access Policy Management:** Managed access policies using Active Directory, Sophos Endpoint Protection, Sophos Firewall, maintaining strict security standards.
 - **SOP Development:** Developed and implemented Standard Operating Procedures (SOPs) for consistent network management across all company locations.
 - **Vulnerability Assessment and Penetration Testing:** Conducted vulnerability assessments and penetration tests, producing monthly reports and updating security protocols accordingly.
- **Alfa KPO** Mumbai, India
IT Executive
 - **Security and Threat Management:** Specialized in LAN infrastructure troubleshooting, using Sophos Endpoint Protection, SNMP tool Domotz, and Sophos Firewall to resolve network issues and reduce incident response time by 30%.
 - **Server and Network Monitoring:** Regularly monitored server racks, network uplinks, and hardware to ensure optimal performance and minimize downtime.
 - **Hardware and Software Support:** Managed over 1,300 workstations, handled software installations, domain logins, local portal setups, and provided remote support through Zoho IT ticketing system.
 - **Email and Server Access Management:** Configured and troubleshooted Outlook (POP/IMAP, SMTP, Exchange) and managed server access rights, file sharing, and permissions.
 - **CCTV and Alarm Systems:** Configured and maintained CCTV systems, DVRs, alarms, and sound systems to support organizational safety.

PROJECTS

- **Java-Core Programmings:** Developed a series of projects focusing on fundamental java-core programming principles and Object-Oriented Programming (OOP) concepts, including method overloading, method overriding, inheritance, and polymorphism.
- **Custom Password Manager:** Designed and deployed an open-source custom password manager using encryption techniques to securely store and share authentication credentials within the organization. Ensured compliance with security standards.
- **Inventory Management System:** Developed and implemented an inventory management system using PHP and JavaScript to track hardware assets, manage assignments, and streamline maintenance processes. Enhanced efficiency in asset management by 25%.
- **Mattermost Chat Application:** Deployed and currently maintain an open-source chat application, Mattermost, on a secure server environment, ensuring encrypted communication and administrative control over user data. Integrated with existing IT infrastructure for seamless communication.

SKILLS

- **Programming language :** *Experienced:* JAVA, SQL, J2EE *Familiar:* Python, JavaScript, HTML, CSS
- **Software Development:** MySQL, Oracle DBMS, Git, JDBC, Jakarta EE, Servlets, JSPs, Maven
- **Framework and libraries :** Spring, Hibernate, Apache Tomcat, Java Servlet API, MySQL Connector/J
- **IT Infrastructure and Networking:** PowerShell, Data Backups, System Upgrades, DHCP, DNS, VLAN, Firewalls, VPNs
- **Technologies:** AWS EC2, GitHub, Virtual Machines, Active Directory, VPNs, VoIP, Cisco Systems
- **Language:** *Native:* Hindi *Fluent:* English *Familiarity:* French