# 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* — *Oct 2023 - Present*
  - **Network Infrastructure Management**: Managed and troubleshooted the company's network infrastructure, reducing downtime by 15% and ensuring 99.9% uptime.
  - **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.
  - **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*
  - **Troubleshooting and Maintenance**: 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%.
  - **System and Network Automation**: Automated system initialization, OS installation, and network configuration, reducing human error by 40% and increasing efficiency.
  - **SOP Development**: Developed and implemented Standard Operating Procedures (SOPs) for consistent network management across all company locations.
  - **Security and Threat Management**: Monitored and analyzed potential threats using Firewall and Sophos Endpoint Protection, enhancing overall network security.

## 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

- **OS**: Windows Server, RHEL, macOS, Debian, Ubuntu

- **Language**: *Native:* Hindi *Fluent:* English *Familiarity:* French