

# SATYAM PANDEY

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## Summary

Experienced Network Engineer skilled in router configuration, network monitoring, and troubleshooting across multi-vendor environments. Proficient in incident management, customer support, and maintaining high service availability in enterprise networks.

## Skills

- Networking Protocols & Concepts:** DHCP, VLAN, SNMP, TACACS, Port Forwarding, Routes, NAT, VRRP, HSRP, GLBP.
- Networking Devices:** Cisco, Huawei, Fortinet, HP, Maipu, Inventum.
- Operating Systems:** Windows, Linux
- Programming & Databases:** Angular, Python, Django, SQL, Bootstrap, HTML, CSS, JavaScript.
- Soft Skills:** Problem-Solving, Communication, Team Collaboration, Adaptability, Continuous Learning.

## Experience

- Network Engineer** | Diversified Network Infra. Pvt. Ltd. | Manesar Sept 2024–Present
- Configured, monitored, and maintained **routers, switches, and firewalls** across multi-vendor environments (Cisco, Juniper, etc.)
  - Performed advanced **troubleshooting for LAN/WAN connectivity, routing, and switching** issues to ensure minimal network downtime.
  - Managed network configurations, **VLANs, ACLs, NAT, and DHCP** setups to support secure data communication.
  - Handled customer interactions professionally to resolve service-affecting issues and ensure satisfaction..
  - Analyzed network performance using tools like **ping, traceroute, SNMP, and Syslog** for proactive issue detection.
- Software Developer Intern** | Quale Info. Tech. Pvt. Ltd. | Gurgaon Mar 2024–Sep 2024
- Developed and maintained responsive web applications using **Angular** framework
  - Implemented **frontend components** with **TypeScript, HTML5, and CSS3** following best practices.
  - Integrated **RESTful APIs** for dynamic data handling and improved user experience.
  - Utilized **Angular Material**, and **Bootstrap** to enhance UI functionality.
  - Collaborated with backend developers to ensure seamless **API integration** and data flow.
  - Participated in **code reviews**, debugging, and application performance optimization.
- Technical Assistant (Part time)** | GD Goenka University | Gurgaon Feb 2024–Mar 2024
- Managed and maintained **computer lab systems**, ensuring smooth operation and network connectivity.
  - Installed, configured, and updated **software, operating systems, and development tools** for academic use.
  - Assisted in preparing **technical documentation, lab manuals, and project reports**.
  - Collaborated with faculty members to improve **lab infrastructure and teaching resources**.

## Projects

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### Network Solution Tool (Angular)

- Developed and launched a real-time web application, **NetworkSolution**, using Angular.
- Designed interactive modules for key network tests including ping, traceroute, and port scanning.
- Integrated backend APIs (e.g., Node.js/ Express) to handle network test execution, data retrieval, and result delivery.
- Applied reusable components technique for scalable front-end development and easier maintenance.
- Ensured cross-device compatibility and responsive design so the tool works well on desktops and laptops in lab or field environments.
- Maintained version control using **Git/GitHub**, and facilitated code reviews to maintain high code quality.
- URL:- <https://networksolutiontools.web.app/>

### Developer Portfolio (Bootstrap)

- Designed and developed a **single-page responsive portfolio website**.
- Technology used **HTML, CSS, Bootstrap, JavaScript**.
- Integrated **Firebase Hosting** for seamless deployment and scalability.
- Applied **responsive web design principles** to ensure optimal performance across devices.
- URL:- <https://satyampandeyportfolio.web.app/>

## Education

**GD Goenka University –**  
**Gurugram, Haryana,** MCA-  
Master of Computer  
Application(9.32CGPA).

Sept 2022–June2024

**Microtek College of Management and**  
**Technology–Varanasi,**  
BCA – Bachelor of Computer Application  
(85%).

July 2019– Sept 2022

## Languages

- **English** – Professional Working Proficiency.
- **Hindi** – Professional Working Proficiency.

## Interests

- Listening to Music.
- Playing Badminton