

# SARAN G

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## EDUCATION

### MASTER OF SCIENCE IN CYBER FORENSICS AND INFORMATION SECURITY

Dr. M.G.R Educational and Research Institute

2022 – 2024 | CGPA 8.04

### BACHELOR OF SCIENCE IN INFORMATION SCIENCE AND CYBER FORENSICS

Dr. M.G.R Educational and Research Institute

2019 – 2022 | CGPA 8

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## PROFESSIONAL COURSE

### CCNA (CISCO Certified Network Associate)

#### SUREN NETWORK | Chennai 2024

- ✓ Virtualization, NetBios
- ✓ Network Fundamentals: OSI, ARP in L2 & L3, POE
- ✓ Switching and Routing Technologies, Subnetting, IP, TCP/UDP, Port Numbers
- ✓ Network Access: LAN and WAN, VLAN, TRUNK, STP, DTP, VTP, ETHERCHANNEL AND INTER-VLAN
- ✓ IP Connectivity: RIP, RIP-V2, EIGRP, OSPF
- ✓ IP Services: NAT, PAT, DHCP, DNS, TELNET and SSH

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## WORK EXPERIENCE

### SAN COMPUTERS | 6 Months, Chennai 2024

- ✓ System Service Engineer
- ✓ Network Service Engineer

### S4 TECHGNOLOGIES | Nov 2024 – Present, Chennai

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## INTERNSHIPS

- **ETHICAL HACKER & PENETRATION TESTER**  
Cappriciosec University | Chennai 2022
- **WEB PEN-TESTER & BUG BOUNTY HUNTER**  
Cappriciosec University | Chennai 2022
- **CYBER SECURTTY: ISSUES AND TRENDS**  
Asian Criminological Society | Chennai 2022
- **FINGERPRINT & DOCUMENT EXAMINATION**  
Centre of Excellence in Digital Forensics | Chennai 2023
- **INTERNSHIP ON OFFENSIVE AND DEFENSVE SECURITY**  
Hackup Technology | Coimbatore 2023
- **INTERNSHIP ON CYBER SECURITY & VAPT**  
Sambhav Foundation | Tambaram 2024

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## SKILLS

### Networking and Routing

- ❖ Proficient in Configuring and Troubleshooting Cisco Routers and Switches.
- ❖ Expertise in Dynamic and Static Routing Protocols: RIP, RIP-V2, EIGRP, OSPF and Static Routing
- ❖ Deep understanding of OSI & TCP/IP Models, LAN/WAN Architecture, and TCP/UDP Communication.
- ❖ Skilled in Subneting with accuracy, capable of designing efficient IP Address schemes.
- ❖ Experience in Network Address Translation (NAT), PAT, DHCP, DNS, and ACL Configuration.
- ❖ Configuring VLANs, VTP, STP, DTP, and INTER-VLAN Routing for efficient Network Segmentation.

- ❖ Setup of Layer 2/Layer 3 Switching, HSRP, Ether-Channel, and Trunking Protocols.
- ❖ Knowledge about in CDP, LLDP, Active Directory, Router Booting.

## VPN and Security

- ❖ Hands-on experience with IPsec VPN and GRE VPN Tunnelling for secure communications.
- ❖ Configured secure remote access with SSH, Telnet, and enabled firewall services with NAT.
- ❖ Familiar with Network security Protocols, including Access Control List (ACL) and Relay Agent.

## Cybersecurity

- ❖ Proficiency in Capture the Flag (CTF) challenges, web vulnerability assessment, and Penetration Testing.
- ❖ Experience with Forensic Tools in Linux and Penetration Testing tools like Burp Suite, Steghide, and Metasploit.
- ❖ Skills in Passcode Cracking and Ethical Hacking Techniques to Identify Vulnerabilities.

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## PROJECT

- **Student Result Management System | UG**  
Designed for School or College Student's Test or Semester Exam Result Managing Website | 2022
- **Securing Digital Documents by QR Generation and Live Face Authentication for User's Identity using Block-Chain Technology | PG**  
To solve the problem of Counterfeiting Certificates by proposing Digital Certificate system based on Block-Chain, secure file transmission via QR code and to verify user's identity by Live Image | 2024
- **LAN – WAN Communication | CCNA**  
Created Communication between LAN and WAN through an ISP to enable Intranet to Internet Connectivity | 2024
- **Multi-ISP Hybrid with Dynamic Routing, NAT, and Secure VPN Integration | CCNA**  
Created a multi-ISP hybrid network project that integrates dynamic routing protocols (EIGRP, OSPF, and BGP), NAT, VLANs, encapsulating core Networking concepts for reliable and scalable communication | 2024

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## CERTIFICATIONS

- **PYTHON MASTER CLASS**  
Udemy | 2023
- **CCNA (CISCO Certified Network Associate)**  
Suren Network | 2024

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## JOURNAL PUBLICATION

- **Securing Digital Document by QR Generation and Live Face Authentication for User's Identity using Block-Chain Technology**  
JETIR | 2024

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## HANDS-ON EXPERIENCE

- **COMMISSIONER OFFICE COIMBATORE (Cyber Cell)**  
Case Filing & Documentation | Coimbatore 2023
  - **SUREN NETWORK**  
Network Configuration and Troubleshooting, Routing Protocols | Chennai 2024
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