

JaySinghvi

Cybersecurity Analyst | Web Developer

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India

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Professional Summary

Motivated Red Hat Certified System Administrator (RHCSA) and Full Stack Developer with a strong foundation in Linux environments, network security, and UI/UX design. Proven track record in organizing CTF events, developing security tools, and building dynamic web applications. Eager to leverage a unique blend of technical security expertise (Penetration Testing, System Hardening) and creative development skills (UI/UX, 3D Modeling) to contribute to a dynamic technical team.

Technical Skills

Cybersecurity Tools	Nmap, Burp Suite, Metasploit, Wireshark, Hydra
Operating Systems	Red Hat Enterprise Linux (RHEL), Kali Linux, Ubuntu
Programming	Python, Bash Scripting, SQL, .NET Framework
Networking & Cloud	TCP/IP, OSI Model, DNS, DHCP, SSH
Creative & Design	Designing, Video Editing, Blender (3D Modeling)

Certifications

2024 **Red Hat Certified System Administrator (RHCSA)**, Red Hat

Education

- 2023–2027 **Bachelor of Technology in Computer Science and Engineering**, *Techno India NJR Institute of Technology*, Udaipur
Focus: System Security and Network Administration.
- 2009–2023 **Senior Secondary Schooling**, *St. Paul's Sr. Sec. School*, Udaipur

Projects

Cybersecurity & Network Engineering

2025 **Cloud Misconfiguration Scanner**, *Python, Cloud Security*

- Developed a Python-based tool to detect common security misconfigurations in cloud environments.
- Automated the auditing process for S3 buckets and IAM policies to identify public access risks.
- Implemented reporting functionality to generate actionable security recommendations.

2025 **Network Port Scanner**, *Python, Networking*

- Created a multi-threaded port scanner using Python's socket library to identify open ports and services.
- Optimized scanning speed and implemented banner grabbing for OS detection.

Web Development & Design

2025 **PROJO - Project Management Tool**, *Web Development & Security*

- Built a collaborative project management platform with secure user authentication.
- Implemented role-based access control (RBAC) to ensure data privacy between team members.

2024 **Inventory Management System**, *Full Stack Development (.NET/SQL)*

- Designed and developed a web application for efficient inventory management.
- Built both frontend and backend architectures to manage the relationship between the user interface and the SQL database.

2025 **Model of Mustang**, *Blender, 3D Modeling*

- Developed a comprehensive 3D model of a Mustang car using Blender.
- Designed the exterior body and implemented animations and motion effects.

Experience & Leadership

2025 **Event Organizer**, *TryDec CTF (Capture The Flag)*, Udaipur

- Organized a college-level CTF competition focused on Web Exploitation and Cryptography.
- Designed custom challenges involving steganography and SQL injection.
- Managed the CTF infrastructure and mentored participants on security tools and methodologies.

Languages

English Professional Proficiency

Hindi Native Proficiency