

# JaySinghvi

Cybersecurity Analyst | Web Developer

Udaipur, Rajasthan  
India

+91 94689 25294  
jaysinghvi54@gmail.com

## 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	<b>Bachelor of Technology in Computer Science and Engineering</b> , Techno India NJR Institute of Technology, Udaipur Focus: System Security and Network Administration.
2009–2023	<b>Senior Secondary Schooling</b> , 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