

SAHIL PARMAR

Junagadh, Gujarat - 362201

☎ +91 7359852938 ✉ sahilparmar.prof@gmail.com [in linkedin-sahilcipher](#) [portfolio-sahilcipher](#)

PROFESSIONAL SUMMARY

- Cyber Security Analyst with a strong foundation in securing systems and mitigating threats.
- Proficient in monitoring security alerts, conducting vulnerability assessments, and implementing security protocols.
- Passionate about safeguarding critical assets and staying ahead of emerging cyber threats.
- Strong understanding of cybersecurity concepts, networking fundamentals, and operating systems like Windows and Linux.

SKILLS

- Vulnerability Assessment and Management
- Penetration Testing and Ethical Hacking
- Cyber Security Frameworks (ISO 27001, NIST, MITRE ATT&CK)
- Security Incident Investigation and Response
- Networking Protocols (TCP/IP, DNS, HTTP/HTTPS)
- Security Tools (Nessus, Wireshark, OpenVAS, etc)
- Operating Systems Security (Windows, Linux, macOS)
- Python Scripting for Automation
- Cloud Security Basics (AWS, Azure)

EXPERIENCE

CODTECH IT SOLUTIONS

Nov 2024 – Present

Cybersecurity Intern

Hyderabad, Telangana, India (Remote)

- Conducting vulnerability assessments and penetration testing to identify security flaws in applications and networks.
- Utilizing tools like Nmap, Burp Suite, and OWASP ZAP to analyze and remediate vulnerabilities.
- Collaborating on cybersecurity projects, contributing to risk mitigation strategies and enhancing security posture.

Cyber Crime Branch

July 2023 – Dec 2024

Cyber Security Educator and Training Specialist

Junagadh, Gujarat

- Conducted 10+ seminars across institutions like Nobel and Subhash Universities, training 1,000+ students and staff on advanced cybersecurity practices.
- Delivered live hacking demonstrations using Kali Linux to teach real-world threat prevention strategies.
- Trained law enforcement personnel on handling phishing, ransomware, and data breaches effectively.
- Developed customized programs, increasing cybersecurity awareness by 30% through post-session evaluations.
- Advocated for adopting secure frameworks and best practices to enhance institutional defenses.

PROJECTS

Garuda Scanner | Flask (Python), SQLite, Kali Linux

January 2024

- Developed a **Python-based vulnerability scanner** to detect critical **security flaws** (SQL injections, XSS, CSRF, etc.) in websites.
- Scanned over **20 university websites**, identifying and addressing vulnerabilities that could potentially expose sensitive information.
- Integrated **automated alerting** systems with **real-time email notifications**, reducing **vulnerability remediation time by 40%** and enhancing **security posture** for institutions.

SahilCipher OS | Linux Kernel, Security Tools

April 2024

- Designed and implemented a custom **Linux-based operating system** inspired by **Tails OS** to provide **maximum security** and **privacy**.
- Integrated **full disk encryption**, **secure browsing via Tor**, and **anonymous communication** features.
- Utilized daily for **secure data handling**, ensuring **100% data protection** and **online anonymity** for high-security environments, including personal and institutional use.

OTHER PROJECTS

In addition to the projects mentioned above, I have developed several advanced cybersecurity tools and utilities, including data recovery tools, metadata cleaners, advanced keyloggers, DOS detectors, and custom password-cracking scripts. These projects showcase my technical versatility in addressing a wide range of cybersecurity challenges.

For a complete list and detailed descriptions of all my projects, please visit my [GitHub Profile](#).

TECHNICAL SKILLS

Programming Languages: Python, Bash, PowerShell, SQL, JavaScript, HTML/CSS
Security Tools: Nmap, Metasploit, Burp Suite, OWASP ZAP, Nessus, Suricata, Snort, Nikto, Hydra
Penetration Testing & Vulnerability Assessment: Kali Linux, Burp Suite, Web Application Security, SQL Injection Scanning, WordPress Vulnerability Scanning, Cross-Site Scripting (XSS) Detection
SIEM & Security Monitoring: Splunk, Google Chronicle, ELK Stack, OSQuery, Zeek, Graylog
Incident Response & Threat Hunting: SOAR, Threat Intelligence Platforms, Log Analysis, Incident Management
Network Security: Wireshark, TCP/IP, IDS/IPS (Snort, Suricata), Firewall Configuration, VPNs, Network Forensics
Application Security: Web Application Security, Data Masking, Secure Code Review, Threat Modeling, OWASP Top 10
Operating Systems: Linux (Kali, Parrot OS), Windows Server, macOS
DevSecOps & Automation: Docker, Jenkins, CI/CD Pipelines, Infrastructure as Code (IaC), Ansible
Cloud Security: AWS, Azure, Google Cloud Platform (GCP), Cloud Security Posture Management (CSPM)
Security Frameworks & Compliance: NIST, ISO 27001, GDPR, PCI DSS, MITRE ATT&CK, CIS Controls
Version Control & Development Tools: Git, GitHub, GitLab, VS Code, Eclipse, Postman, Android Studio

CERTIFICATES

Certified Cyber Warrior <i>HackingFlix Academy (Gautam Kumawat)</i>	June 2024 <i>Online</i>
Master Penetration Testing <i>Udemy</i>	May 2024 <i>Online</i>
Ethical Hacking and Web Penetration Testing <i>Gautam Kumawat</i>	April 2024 <i>Online</i>
Kali Linux for Pentesters <i>EC-Council</i>	February 2024 <i>Online</i>
Cyber Crime Investigation <i>OneByteLabs</i>	January 2024 <i>Online</i>
Malware Analysis and Antivirus UAC Bypass <i>OneByteLabs</i>	December 2023 <i>Online</i>
Network Security <i>Udemy</i>	October 2023 <i>Online</i>
Cyber Security Essentials <i>Internshala</i>	November 2023 <i>Online</i>
Top 10 Cyber Security Skills <i>EC-Council</i>	September 2023 <i>Online</i>
Hack Real-Time Web Application <i>NullClass</i>	January 2024 <i>Online</i>
Postman API Student Fundamentals Expert <i>Postman</i>	December 2024 <i>Online</i>
Web Development using Flask-Python <i>Udemy</i>	August 2023 <i>Online</i>

EDUCATION

- B.K.N.M.U. University, **Bachelor of Computer Application** Sep. 2023 – May 2025
- Relevant Coursework: Data Structures, Algorithms, Cybersecurity, Network Security

REFERENCE

- **Ripal Pandya**
- **Founder & CEO - AvadhWeb**
- **Lecturer at Junagadh Gurukul BCA-IT**
- **Phone: +91 94276 96988**