GAURAV SINGH

Cyber security engineer

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📍 Maharashtra, India ⚙ https://github.com/singhggithub

EDUCATION

Shri Ramdeobaba college of engineering and management

B.E in Cyber Security **CGPA-7.6**

📅 Aug 2021 – May 2024   📍 Maharashtra,India

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G.H Raisoni Polytechnic,Nagpur

Diploma in Mechanical Engineering **Grade-88%**

📅 July 2018 – April 2021   📍 Mahrashtra,India

EXPERIENCE

- **Information Security Engineer**

  Harrier Information Systems

  📅 June 2024   📍 Nagpur , Maharastra

- vulnerability analysis and penetration testing on 15+ client applications.- Executing manual web testing of web applications.Collaborating with clients including Bank of Maldives, Derivium Tradition Securities (India) Pvt. Ltd, Bombay Natural History Society (BNHS), Digilocker, Digicompany, QuantEco, Avaas, and Datasights to conduct vulnerability analysis and penetration testing for their application security.

- **Cyber security engineer**

  GBJ Buzz

  📅 Jan 2024 - june 2024   📍 Nagpur , Maharastra

- Devloping Python Scripts for Penetration Testing Tasks, including project focusing on SHA-256 Password Cracking Script, SSH Login Brute-Forcing Script, Buffer Overflow Exploitation Scripts, Bind Shells (Encrypted and Unencrypted) ,Windows Keylogger, Remote DLL Injection, Burp Suite Extension for Unencrypted Bind Shell.

- **Intern**

  Virtually Testing Foundation

  📅 Jun 2023 - Nov 2023   📍 Los Angeles, CA

- worked as Red Team engineer at VTF (Sept - Nov 2023) .

- worked as Information Security Administrator at VTF (Jun - Sept 2023)

SKILLS

- **Vulnerability Assessment** : OWASP Top 10, MITRE ATTCK® Framework , CWE, CVSS Scoring System
- Bug Bounty Hunting
- **Programming/Scripting** : Python, JavaScript, Sql.
- **Web Technologies**: HTML, CSS, JavaScript, Rest API
- **Operating System**: Linux (Kali, Ubuntu) , Windows.
- Cryptography, Incident Handling Response, IT Infrastructure Auditing for Compliance (Focused on ISO 27001), Fuzzing

PROJECTS

- **Cyber security homelab for monitoring and detection**

  (https://github.com/singhggithub/Cyber-Security-Homelab-for-Detection-and-Monitoring-main.git)

- **AZURE CLOUD DETECTION LAB USING SENTINEL**

  (https://github.com/singhggithub/Azure-Cloud-Detection-using-Sentinel-main.git)

- **Python for Hackers**

  (https://github.com/singhggithub/python-for-hackers.git)

TOOLS

- **Web Application Security / API Testing**: Burp Suite, Postman, OWASP ZAP
- **Network Scanning / Vulnerability Assessment**: Nmap, Nessus, OpenVAS
- **Directory / Subdomain Enumeration**: ffuf, DirBuster, Subfinder, Assetfinder, HTTProbe, Amass
- **Reconnaissance / OSINT**: NSLookUp, NetDiscover
- **Traffic Analysis / Network Monitoring**: Wireshark
- **Wireless Security Testing**: Aircrack-ng, Airmon-ng, Airodump-ng
- **Exploitation / Post-Exploitation**: Metasploit, Armitage, SQLMap, Nuclei, Nikto
- **Password Cracking / Hash Cracking**: John the Ripper, Hashcat