Gaurav Ghandat

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ABOUT ME

Passionate Cybersecurity Engineer and AI-Driven Security Innovator with expertise in ethical hacking, vulnerability assessment, and secure software development. Proven track record of leveraging Machine Learning (ML) and Natural Language Processing (NLP) to build advanced threat detection systems. Committed to driving innovation in cybersecurity through cutting-edge technologies and proactive problem-solving.

EXPERIENCE (INTERNSHIP)

EDUREKA | Cyber security and ethical hacking Internship Program
Feb 2024 - Jun 2024 | Remote, India

- Penetration Testing Vulnerability Assessment – Conducted ethical hacking on web applications, identifying and mitigating security vulnerabilities using tools like Burp Suite, Acunetix, and Metasploit.
- Network Web Security – Performed reconnaissance and security analysis using Nmap, Shodan, and Recon-ng to assess network and web application security.
- Cryptography Linux Security – Secured user access in Linux environments, implemented authentication best practices, and analyzed cryptographic security mechanisms.
- Threat Intelligence OSINT – Gathered and analyzed security threats using Maltego and other OSINT tools to assess and strengthen cybersecurity defenses.

TOPPERRANK | Cyber Security Internship
Jul 2024 - Sep 2024 | Remote, India

- Conducted vulnerability assessments and exploited web application flaws, gaining practical experience in ethical hacking.
- Identified and exploited reflected XSS vulnerabilities, bypassed login systems with SQL injection, and performed clickjacking attacks.
- Demonstrated DOM XSS risks through web messaging and strengthened knowledge of tools like Metasploit and Kali Linux.
- Improved ability to identify and mitigate security risks, contributing to the overall security posture of web applications.

SELECTED PROJECTS

AI-POWERED-PHISHING-DETECTION-SYSTEM

- This project, AI-Powered Phishing Detection System, Developed an ML and NLP-based solution to classify emails as safe or phishing by analyzing email content and URLs.

AI-POWERED-SECURE-CODING-PRACTICES-ANALYZER

- The AI-Powered Secure Coding Practices Analyzer is a tool that detects and resolves vulnerabilities like SQL Injection, XSS, Command Injection, and Insecure API Usage using language-specific detection rules.

ADVANCED-THREAT-INTELLIGENCE-PLATFORM

- An all-in-one solution leveraging machine learning and live threat feeds to analyze, classify, and visualize cybersecurity threats in real-time, enabling efficient detection and assessment of malicious activities.

EDUCATION

BRAHMA VALLEY COLLEGE OF ENGINEERING RESEARCH INSTITUTE
Bachelor of Engineering in Computer Engineering
Expected May 2025 | Nashik, India
Pursing (8th Semesters)

PROGRESSIVE SCIENCE AND COMMERCE JUNIOR COLLEGE
Maharashtra State Board of Higher Secondary Education
April 2021 | Nashik, India

SKILLS

PROGRAMMING
Python • SQL

CYBERSECURITY TOOLS
Metasploit • Nmap • Wireshark • Burp suite • Kali Linux • Maltego • Shodan • sqlmap • Acunetix • MSF-Venom

NETWORKING | SECURITY
Penetration Testing • Ethical Hacking • Vulnerability Assessment • Network Security • Reconnaissance • Web Application Security • OSINT • Threat Intelligence • Cryptography • Secure Authentication • Linux Security • System Hardening • Exploitation and Attack Simulation • Security Monitoring and Incident Response • Capture the Flag (CTF) and Practical Hacking

TECHNOLOGY | OPERATING SYSTEMS
Git/Github • Linux • Windows • Artificial Intelligence • Machine Learning

SOFT SKILLS
Communication • Adaptability • Teamwork • Curiosity and Initiative • Problem-Solving

COURSEWORK

CERTIFICATIONS
- Google Cybersecurity
- Cisco Networking Academy Introduction to Cybersecurity
- MICROSOFT-Introduction to Computers and Operating Systems and Security