

# Ronit Rai

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## PROFESSIONAL SUMMARY

Cybersecurity professional with hands-on experience in SOC operations, penetration testing, and digital forensics. Completed 10+ Hack The Box challenges. Fluent in English, Urdu, and Sindhi.

## EDUCATION

<b>Sukkur IBA University</b> <i>Bachelor of Computer Science, Expected: June 2026</i>	Sep. 2022 - Present <i>Sukkur, Pakistan</i>
<ul style="list-style-type: none"><li>Coursework: Computer Networks, Operating Systems, Database Systems, Information Security</li></ul>	

## CERTIFICATIONS

<b>Google Cloud Security Certificate</b> <i>Google / Coursera</i>	Dec. 2025
<b>Google Cybersecurity Professional Certificate</b> <i>Google / Coursera</i>	July 2025

## EXPERIENCE

<b>Cybersecurity Intern</b> <i>Nuexus Technologies</i>	Sep. 2025 - Dec. 2025 <i>Remote</i>
<ul style="list-style-type: none"><li>Completed 10+ Hack The Box security challenges focusing on enumeration, exploitation, and defensive techniques.</li><li>Conducted network reconnaissance using Nmap to identify open ports and services.</li><li>Developed Python-based port scanner reducing manual assessment time by 60 percent.</li></ul>	
<b>Cybersecurity Intern</b> <i>Developers Hub Corporation</i>	Apr. 2025 - May 2025 <i>Remote</i>
<ul style="list-style-type: none"><li>Assessed web applications for OWASP Top 10 vulnerabilities including SQL Injection and Cross-Site Scripting.</li><li>Performed penetration testing using Burp Suite, Wireshark, and Kali Linux.</li><li>Conducted security audits and code reviews to identify vulnerabilities in development projects.</li></ul>	
<b>Digital Forensics Intern</b> <i>Cyborts</i>	July 2025 <i>Remote</i>
<ul style="list-style-type: none"><li>Investigated digital forensics lifecycle including evidence collection, preservation, and analysis.</li><li>Examined system artifacts to reconstruct security incidents and applied chain-of-custody procedures.</li></ul>	

## PROJECTS

<b>AI-Based Image Forgery Detection System</b>   <i>Python, Machine Learning</i>	2025
<ul style="list-style-type: none"><li>Built machine learning system to detect deepfake manipulation and face-swapping in digital images.</li><li>Implemented image analysis algorithms to identify inconsistencies in facial features for forensic verification.</li></ul>	
<b>Python Security Scanner</b>   <i>Python, Nmap</i>	2025
<ul style="list-style-type: none"><li>Developed automated port scanning tool reducing manual assessment time by 60 percent.</li><li>Implemented service identification and vulnerability mapping for network security assessments.</li></ul>	

## TECHNICAL SKILLS

**Languages:** Python, C, C++, Java, JavaScript, SQL, Bash  
**Security Tools:** Kali Linux, Nmap, Burp Suite, Wireshark, Metasploit, Hack The Box  
**Developer Tools:** Git, GitHub, Linux CLI, VS Code  
**Security Skills:** Network Scanning and Enumeration, Vulnerability Assessment, Web Application Security (SQLi, XSS), Digital Forensics, Incident Response, OWASP Top 10, Penetration Testing  
**Other Skills:** Security Automation, Threat Analysis, Ethical Hacking, Problem Solving, Team Collaboration