

Shahil Ahmed SK

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CYBER SECURITY ANALYST

Cybersecurity professional and Android developer with expertise in ethical hacking, penetration testing, and automation. Currently working as a Junior Cybersecurity Analyst with a strong foundation in scripting, security tool development, and Android security. Built proprietary marketing tools and possess intermediate SEO skills. Passionate about continuous learning, scripting, and automation to enhance security workflows.

KEY COMPETENCIES

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|--------------------------|---|-------------------------|
| Vulnerability Assessment | Android Security & Development | Pyhton Dev |
| Penetration Testing | Cybersecurity Tool Development | Web Development |
| Network Pentesting | Security Research & Continuous Learning | SEO & Digital Marketing |

PROFESSIONAL EXPERIENCE

Security Analyst | EyeQ Dot Net Pvt. Ltd Jan 2025 - Present

- Conducted 20+ security assessments on web and mobile applications, uncovering and remediating 100+ vulnerabilities to enhance overall system security.
- Automated the setup of Android penetration testing tools, reducing configuration time by over 50% and improving operational efficiency.
- Completed hands-on training in Ethical Hacking, VAPT, Kali Linux, and OWASP Top 10 vulnerabilities, securing 10+ systems and enhancing threat response capabilities.
- Led security initiatives for 10+ web applications, resulting in a 30% improvement in security posture through proactive vulnerability management.
- Delivered 15+ ethical hacking workshops, educating 50+ students and junior professionals on cybersecurity best practices.
- Developed a proprietary marketing automation tool that integrated SEO, email campaigns, and analytics, significantly increasing lead generation.
- Implemented IDS/IPS systems, mitigating 200+ threats and reducing incident response times by 40%.
- Collaborated with cross-functional teams to integrate security protocols, boosting key security performance indicators by 25%.

Intern Cyber Security Analyst | EyeQ Dot Net Pvt. Ltd Jun 2024 - Dec 2024

- Completed advanced hands-on training in Ethical Hacking, VAPT, Kali Linux, and Web/Mobile App Security, securing 10+ systems and identifying 65+ vulnerabilities.
- Conducted 20+ real-world security assessments, enhancing expertise in exploit detection, risk mitigation, and secure configurations.
- Strengthened 15+ systems using defense-in-depth strategies, resulting in a 25% reduction in vulnerabilities and improved IT resilience.
- Gained practical experience through 75+ simulated attacks and red team exercises, mastering OWASP Top 10 flaws and live bug reporting in client environments.

PROJECTS

- **Android Pentest Automation Script:** Automates Android penetration testing tool installations.
 - **Proprietary Marketing Tool:** Built a custom tool for marketing and SEO optimization.
 - **Torlizer (C Project):** A network communication tool for enhanced online privacy.
 - **Keylogger (C Project):** Research-based project on keystroke monitoring for security studies.
 - **YouTube Downloader (Python Project):** Script for downloading and managing YouTube videos.
 - **Decoder & Encoder (Python Project):** Encoding and decoding tool to encode data in your clipboard
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EDUCATION

B.Voc in Software Development

2021-2024

2021-2024

St Aloysius College (Deemed to be University), Mangaluru

ACHIEVEMENTS & CONTRIBUTIONS

- Developed an automation script that streamlined Android pentesting tool installations.
 - Built a proprietary marketing tool that improved lead generation using SEO techniques.
 - Led training sessions on cybersecurity topics including red teaming and vulnerability assessments.
 - Contributed to the development of internal cybersecurity tools at EyeQ Dot Net.
 - Active participant in CTF platforms including HackerOne, Hack The Box, picoCTF, and TryHackMe, solving challenges in web exploitation, reverse engineering, and network security.
 - Rooted nearly 50 CTFs on HackTheBox, TryHackMe
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TECHNICAL SKILLS

- **Programming & Scripting:** Python, Kotlin, JavaScript, HTML, CSS, C/C++, Bash
 - **Cybersecurity Tools:** Metasploit, Burp Suite, Hydra, Wireshark, Nmap etc.
 - **Android Development:** MVVM architecture; knowledge of custom ROM & Magisk module concepts
 - **Software & Database:** Git, MySQL, Microsoft Excel
 - **SEO & Marketing:** Intermediate SEO skills, proprietary marketing tool development
 - **Other Tools:** Adobe Premiere Pro, Photoshop, CapCut, Canva.
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ADITIONAL INFORMATION

- **Soft Skills:** Adaptability, Communication, Empathetic, Interpersonal, Leadership, Listening and Team spirit
- **Computer Skills:** Microsoft Excel, Microsoft Word, Microsoft Power Point
- **Languages:** English, Hindi, Kannada, Malayalam, Beary, Tulu
- **Interest:** Cybersecurity & ethical hacking, Scripting & process automation, Android app development, Football, Continuous learning and professional development