

# SAKSHITH C SHETTY

Junior Penetration Tester — Cybersecurity

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## SUMMARY

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Security professional specializing in offensive security with expertise in Web, API, and Mobile Application penetration testing. Certified in Red Team Operations Management, ISO 27001, and Ransomware Protection. Proficient in identifying OWASP Top 10 vulnerabilities including SSRF, OOB SQLi, BOLA/BFLA, and CORS misconfigurations. Adept at delivering structured, risk-focused reports with clear business impact and actionable remediation strategies.

## TECHNICAL SKILLS

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<b>Offensive Security Tools:</b>	Burp Suite, Nmap, Wireshark, Metasploit, Nuclei, OWASP ZAP
<b>Vulnerability Assessment:</b>	OWASP Top 10 (XSS, SQLi, SSRF, CSRF, XXE, IDOR, BOLA, BFLA), Web/API VAPT, Mobile VAPT
<b>Testing Environments:</b>	CRAPI, VAmPI, DVWA, WebGoat, Damn Vulnerable Android App (DVAA)
<b>Mobile Security:</b>	APKLab, apktool, jadx, MobSF, ADB, Static/Dynamic Analysis
<b>Development &amp; Scripting:</b>	Python, MySQL, PHP, Bash, JavaScript, Full Stack Development
<b>Infrastructure &amp; DevOps:</b>	Docker, Git, Linux (Kali/Parrot), Hyper-V, VMWare, Proxmox, VS Code
<b>Compliance &amp; GRC:</b>	ISO/IEC 27001:2022, Security Operations, Ransomware Protection

## CERTIFICATIONS

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- Certified Red Team Operations Management (CRTOM) — Red Team Leaders, 2026
- Certified Ransomware Protection Officer (CRPO) — ICTTF, 2025
- ISO/IEC 27001:2022 Information Security Associate — SkillFront, 2025
- Certified Ethical Hacker (CEH) — CyberSapiens EdTech, 2025
- AWS Security Specialty (Domain 1 Review) — AWS Training, 2025

## PROFESSIONAL EXPERIENCE

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**Bug Bounty Hunter** 2026 – Present  
*Bugcrowd* Remote

- Actively participating in bug bounty programs via Bugcrowd, targeting web and API attack surfaces.
- Developing practical reconnaissance and vulnerability identification skills through real-world application testing.

**Cybersecurity Intern** 2025 – 2026  
*CyberSapiens EdTech* Mangaluru, India

- Performed manual Web and API penetration testing focused on identifying logic flaws and access control weaknesses beyond automated scanner coverage.
- Conducted in-depth API testing to uncover BOLA, BFLA, and Mass Assignment vulnerabilities; validated impact through unauthorized access and data exposure scenarios.
- Analyzed and exploited SSRF, out-of-band SQL injection, and CORS misconfigurations, with attention to modern defenses such as WAFs and hardened authentication flows.
- Performed Android Mobile Application security testing using static (`apktool`, `jadx`) and dynamic analysis to identify insecure data storage, improper SSL validation, and API leaks.
- Documented findings in a structured, risk-focused manner emphasizing exploitability, business impact, and remediation aligned with standard security practices.

**Cyber Security Operations (Job Simulation)** 2025  
*Datacom via Forage* Remote

- Completed hands-on simulations focused on SOC operations, incident response, and enterprise threat management.

- Analyzed threat scenarios and applied security monitoring principles within simulated enterprise environments.

### **UI/UX Design Intern**

2025

*Sierra Learning Academy*

Mangaluru, India

- Designed and deployed responsive, multi-page showcase websites using Framer; built lightweight design systems for E-commerce and EV platform concepts.
- Created high-fidelity prototypes and component libraries to maintain visual consistency across conceptual product builds.

### **KEY PROJECTS**

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#### **CivicEye — AI-Powered Traffic Safety System** *Final Year Project, 2025*

2025

- Architected a hybrid AI system for real-time helmetless rider detection using edge-based video processing.
- Developed a secure PHP-MySQL backend with role-based access control (RBAC) for centralized reporting.
- Implemented strict data validation and secure coding practices to prevent injection attacks and ensure data integrity.
- Designed a scalable system architecture to handle high-volume video processing and database operations.

### **EDUCATION**

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#### **Bachelor of Computer Applications (BCA)**

2022 – 2025

*Maps College, Mangalore University*

Mangaluru, India

#### **Class XII (Computer Science, Business, Accountancy)**

2020 – 2022

*St. Aloysius (Deemed to be University)*

Mangaluru, India