

Gavin Austine T

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Summary

Current B.E. student in Computer Science with hands-on Red Team and penetration testing experience across web applications, APIs, networks, wireless networks, and mobile platforms. Skilled in offensive security tooling (Burp Suite, Nmap, Kali Linux), shell automation (Bash, PowerShell), and building repeatable vulnerability detection pipelines using Docker and Kubernetes. Experienced in exploit development, reverse engineering, and producing technical assessment reports to validate remediation with security and IT teams. Active participant in CTFs on TryHackMe and Hack The Box.

Skills

Red Team & Offensive Security

- Red Team Operations Penetration Testing
- Security Assessments Exploit Development
- Reverse Engineering Adversarial Mindset
- Wireless Networks Vulnerability Research

Technical Expertise

- C C++ PHP Cryptography
- x86 ARM Architecture
- SQL Injection XSS CSRF

- Secure Architecture Design Code Auditing

Tooling & Automation

- Burp Suite Nmap Wireshark Kali Linux
- Bash Scripting PowerShell Python
- Docker Kubernetes CI/CD
- Automated Vulnerability Detection

Others

- Threat Intelligence CTF Challenges
- Ethical Hacking Cybersecurity

Work Experience

Cybersecurity Analyst Intern

Nov 2025 – Present

Pristine InfoSolutions Pvt. Ltd., Mumbai

- Conducted penetration testing and security assessments on web, API, network, and mobile platforms using Burp Suite and Nmap, identifying and exploiting vulnerabilities including XSS and CSRF.
- Developed automated scanners and Bash reconnaissance scripts that accelerated vulnerability triage and enabled repeatable Red Team testing.
- Utilized Python to automate complex tasks and analyze large datasets during penetration testing engagements.
- Created PowerShell and Bash automation scripts to streamline vulnerability scanning and deployment processes.
- Performed reverse engineering and exploit development through advanced CTF challenges on TryHackMe and Hack The Box, covering web exploitation, privilege escalation, and wireless networks.
- Applied MLOps practices and LLMs to identify vulnerabilities and improve security protocols in AI-driven systems.
- Contributed to secure architecture design, source code auditing, and automated vulnerability detection while collaborating with security and IT teams on remediation and Blue Team engagements.

Education

B.E. Computer Science and Engineering

Chandigarh University

Jun 2020 – Jan 2024

Certifications

- eJPT (Junior Penetration Tester)
- BSCP (Burp Suite Certified Practitioner)
- CPENT
- Ethical Hacking Essentials (EHE)

Languages

English, Tamil, Malayalam, Hindi