ASHWIN S

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Objective

Aspiring Cybersecurity Engineer with practical experience in Web Application Penetration Testing and Vulnerability Assessment (VAPT). Certified eJPT with a strong grasp of OWASP methodologies, red teaming practices, and vulnerability research. Eager to contribute to a security-driven team by applying offensive security skills and gaining experience through real-world threat simulations.

Education

B.E. Computer Science and Engineering, Panimalar Institute of Technology – **CGPA: 8.20** May 2025
Shrishti Vidyashram – **Percentage: 75%** May 2021
Holy Innocents High School – **Percentage: 78%** June 2019

Certifications

INE eLearnSecurity Junior Penetration Tester (eJPT) June 2025
HTB Certified Bug Bounty Hunter (CBBH) Academy Path December 2024
Google Cybersecurity Professional Certificate August 2024
HTB Certified Penetration Testing Specialist In Progress

Skills

Programming Languages: Python, Java, C, Bash, SQL
Penetration Testing: Web Application Testing, Network Penetration Testing, Vulnerability Assessment, Active Directory Exploitation, Secure Code Review
Operating Systems: Linux (Kali, Ubuntu), Windows (Active Directory)

Bug Bounty Findings

- Reported a **Stored Cross-Site Scripting (XSS)** vulnerability in the first name field of a production web application.
- Discovered an **Insecure Direct Object Reference (IDOR)** vulnerability allowing unauthorized access to user data by manipulating object identifiers.

Projects

InjectAI – Automated Prompt Injection Testing April 2025
Built a CLI-based penetration testing tool to identify prompt injection vulnerabilities in LLMs. Simulates automated static and dynamic injection techniques based on red team methodology.

DL-IDS for Linux – AI-Based Intrusion Detection System December 2024
Designed a deep learning-powered IDS to monitor network traffic and system logs in Linux environments. Achieved high detection rates by applying anomaly-based ML/DL techniques.

Wireless Rubber Ducky – Keystroke Injection Tool May 2024
Developed a wireless keystroke injection device using Pico W for red teaming. Emulates HID attacks to automate payload delivery and simulate real-world threats.

Earthquake Detection using Deep Learning March 2024
Trained a deep learning model to detect earthquake signals with 98% accuracy using seismic datasets.