Pradeep

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Personal Profile

Cybersecurity graduate with hands-on experience in Linux systems, SIEM monitoring, vulnerability assessments, and scripting with Python and PowerShell. Passionate about securing critical infrastructure and supporting national security objectives. Demonstrated understanding of information security principles, system hardening, and secure configuration aligned with frameworks like ASD Essential Eight and NIST. Experienced in security operations simulations (via TryHackMe, Hack The Box), developing playbooks, and contributing to incident detection and response workflows. Strong communicator and collaborative team member, eager to grow within a mission-focused environment that values technical excellence and continuous learning.

Experience

- **Amazing Dino**   Remote
  Penetration Tester - Intern   *July 2024 – Nov 2024*
    - **Vulnerability Assessment**: Worked with a team of three on the Cyber Bay bug bounty platform to identify security vulnerabilities in live web applications.
    - **Report Writing with POC and CVE Documentation**: Created comprehensive reports with proof of concept (POC) and CVE numbers to document identified vulnerabilities, ensuring clear communication with stakeholders.
- **Infosys**   Bengaluru, India
  Software Engineer - Intern   *Feb 2021 – April 2021*
    - **Java Application Development**: Developed and maintained Java applications, following the Spring development cycle.
    - **Spring Framework**: Participated in the complete Spring development cycle, including dependency injection, aspect-oriented programming, and Spring MVC.

Projects

- **Active Directory Hands-on Lab**   Hack The Box Academy
  Jan 2025
    - **AD Environment Exploration**: Completed a guided hands-on lab on Active Directory covering domain enumeration, group policy objects, user management, and Windows infrastructure defense techniques.
- **Data Ethics in Emerging Technologies**   RMIT University
  Aug 2024 – Oct 2024
    - **Ethical Impact Analysis**: Collaborated on a group report evaluating ethical risks and stakeholder impact of a technology-driven case study. Assessed issues of bias, privacy, accountability, and governance. Applied ethical decision-making models and proposed mitigation strategies.
- **Phishing Simulation and SOC Response**   TryHackMe
  Mar 2025
    - **SOC Phishing Campaign**: Simulated a phishing email attack and investigated the scenario using MITRE ATT&CK and Cyber Kill Chain frameworks. Utilised OSINT tools to trace malicious domains and emails, documented incident response process, and proposed mitigation techniques.
- **Conti Ransomware Investigation with Splunk**   Independent
  Feb 2025
    - **Splunk-based Threat Hunting**: Performed end-to-end investigation of a simulated Conti ransomware attack on an Exchange Server. Used Splunk for log correlation, detection of lateral movement and persistence techniques, and provided actionable security recommendations.
- **Web Application Penetration Testing**   Amazing Dino Internship
  Jul 2024 – Oct 2024
    - **Bug Bounty Assessment**: Performed live vulnerability assessments on web applications using Kali Linux, Burp Suite, OWASP ZAP. Identified and reported vulnerabilities with CVE references and proof-of-concept during a remote internship as part of a 3-member security team.

Certifications

- ISC2 - Continuous Monitoring and Incident Response for Zero Trust

- CCNA Routing and Switching: Introduction to networking

- NPTEL's Cryptography and Network Security

- Certified Bug Hunter from Promt InfoTech

- Coursera's Design and Analyse Secure Networked Systems

- Coursera's Blockchain Platform

Technical Skills

- **Languages**: Python, SQL, JavaScript, Bash

- **Security Tools & Platforms**: Splunk, Microsoft Defender, Sentinel, Rapid7, Burp Suite, Wireshark

- **Technologies**: Active Directory, Azure, Microsoft 365, AWS, Linux (Ubuntu, Kali), Power BI

- **Security Compliance Frameworks**: NIST, ISO 27001, Essential Eight, SOC 2, HIPAA, CIS Controls, ASD ISM

- **GRC Documentation**: Risk Register Maintenance, Security Playbooks, Audit Reporting, Vulnerability Management

- **Soft Skills**: Strong analytical and communication skills; ability to interpret technical concepts for non-technical audiences; proactive team player with experience in cross-functional collaboration

Other Employment

- **Coles Supermarket** — Melbourne, VIC
  Team Member — *July 2023 – Present*
  - **Customer Service**: Provided exceptional customer service, answering queries, assisting with product selection, and resolving issues.
  - **Teamwork and Communication**: Collaborated with team members to ensure efficient store operations and provide support in a customer-focused environment.

- **Cosmo Textile** — Karur, India
  Merchandiser — *Sept 2021 – Dec 2022*
  - **Client Negotiation**: Utilized strong social and communication skills to negotiate with clients and plan according to their needs.
  - **Work Ethics and Efficiency**: Demonstrated strong work ethics and passion for work, consistently outperforming in quality and efficiency.

Volunteering

- **RMIT University Student Union (RUSU)** — Melbourne, VIC
  Volunteer — *Feb 2024*
  - **Event Setup and Coordination**: Helped set up RUSU events, organise food stalls, and manage giveaways.
  - **Mental Health Events**: Assisted in organising and running mental health awareness events.

Education

- **RMIT** — Melbourne, VIC
  Master of Cyber Security — *Feb 2023 – Dec 2024*

- **Anna University** — Chennai, India
  Bachelor of Engineering in Computer Science — *Jun 2017 – Jun 2021*