

Deven Dukale

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PROFILE

- Currently attending an CEH training at SevenMentor Pvt Ltd, backed by Certified in Network and Cloud Security by Palo Alto Networks, with practical internship experience in SOC fundamentals.
- Cybersecurity enthusiast with strong foundational knowledge in network security, incident response, and SOC operations.
- Eager to contribute to a dynamic team while continuing to learn and grow within the cybersecurity field.

TECHNICAL SKILLS

- **Programming Languages:** Proficient in C, C++, Python and Java, with hands-on experience in developing both backend services and applications.
- **Web Development:** HTML and CSS for building visually appealing and responsive user interfaces in Django framework applications.
- **Operating Systems:** Windows, Linux.
- **Fundamentals of Computer Networks and protocols:** OSI Model, TCP/IP, HTTP, HTTPS.
- **Certified Ethical Hacker (CEH):** Learned methods for gaining unauthorized access, escalating privileges, and maintaining persistence, focusing on ethical use in vulnerability assessments.
- **Familiar with Cybersecurity Concepts:** Incident Response, Phishing, Penetration Testing, Vulnerability Assessment, Soc, Cloud Security.

EDUCATION

2021-2024 | MET Bhujbal Knowledge City, Nashik **BE(Computer Engineering)**
Modules: Cyber Security, Software Engineering, Web Technology, Networking, Relational Database Management System (RDBMS), Principles of Management, Operating System, Object Oriented Programming, Software Testing, Java.
Grade: 7.63 CGPA

2019-2021 | K K Wagh Polytechnic, Nashik **DIP(Compute Engineering)**
Modules: Digital Technique, Database Management System, Advanced Java Programming, Data Structure using C, Computer Graphics, Object Oriented Programming, Engineering Mathematics-III, Java Programming.
Grade: 93.71 Percentage

WORK EXPERIENCE

12.23-02.24 | Palo Alto Networks (AICTE-Eduskills) **Internship**

- Learned the fundamentals of security operations Center (SOC).
- Gain knowledge of firewalls, intrusion detection/prevention systems, endpoint protection, and VPNs.
- understand key cybersecurity principles, including the CIA triad (Confidentiality, Integrity, Availability), threat modeling, risk assessment, and incident response.
- Learned basics of Network & Cloud Security.

2024 | TryHackMe CTF Player

- **Enhanced Vulnerability Detection Skills:** Completed 50+ Capture The Flag (CTF) challenges on TryHackMe, improving detection and exploitation skills by successfully solving challenges in an average time under 30 minutes.
- Gained practical cybersecurity skills, including **SOC monitoring** and **vulnerability assessments**, by actively engaging in complex security scenarios.
- **Advanced Threat Analysis:** Strengthened skills in analyzing and mitigating security threats, completing CTF challenges that required exploiting web and network vulnerabilities.
- **Real-World Application:** Applied theoretical knowledge in simulated environments, improving incident response and **intrusion detection abilities**.
- **Efficiency in Security Tasks:** Demonstrated ability to quickly identify and address vulnerabilities, achieving high completion rates on complex challenges.

Projects

03.24-06.24 | Password Strength Checker

- Developed a real-time password strength checker tool to evaluate password security based on length, character variety, and complexity, using HTML, CSS, JavaScript, and zxcvbn.
- Implemented interactive feedback using regex and JavaScript, guiding users on creating strong passwords and avoiding common weaknesses.
- Developed a web application to evaluate password security in real time. Achieved a 95% accuracy rate in strength assessments. Analyzed passwords based on length, character variety, and complexity.

08.23-02.24 | Encryption and Decryption Tool

- Implemented a user-friendly encryption and decryption tool that utilizes the Caesar Cipher algorithm, developed with Python's Tkinter library.
 - Designed a user-friendly GUI using Python's Tkinter library. Achieved a 90% user satisfaction rating in usability tests with 50 participants.
 - Enhanced understanding of fundamental cryptography concepts through hands-on application.
 - The application enables users to input text for both encryption and decryption, allowing for exploration of basic cryptographic methods in an interactive manner.
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Certifications:

- **Certified Ethical Hacker** - SevenMentor Pvt Ltd
 - **Network Security of Fundamental** - Palo Alto Network
 - **Foundation of Cyber Security** - Coursera
 - **Full Stack Python Development and Training** - Upstream
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