Vansh

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EXPERIENCE

Information Security Analyst

Max Conformance   *Sep. 2023 – Present*

- Max Conformance is a startup SaaS solution aimed at reducing time and resource usage for compliance with various InfoSec frameworks.
- Developed an in-depth understanding of information security, risk assessment and management, and information security frameworks such as ISO 27001:2022.
- Created software documentation to simplify client onboarding and usage, reducing learning time by up to 90% and streamlining adoption processes.
- Performed comprehensive functional testing from the perspective of end-users and reported over 80 bugs and areas of improvement in the web application.
- Upcoming role involves overseeing information security compliance through our SaaS platform, ensuring our clients' adherence to regulatory standards.
- Future focus includes working on the development side of the platform using Python and Django.

Java Developer

CodSoft   *Aug. 2023 – Aug. 2023*

- Developed and Implemented Java Programs Based on Problem Statements.
- Github : https://github.com/cs-vansh/codsoft

EDUCATION

Bhagwan Parshuram Institute of Technology   New Delhi, India

Bachelor of Technology in Computer Science   *Nov. 2021 – Jul. 2025*

- CGPA : 9.406/10

CERTIFICATES

Cyber Defense Engineering Using Python   Cert. No.-21216/2023

CyberVidyapeeth Foundation   *Sep. 2023*

- Completed 80-hour Python program, focusing on cyber defense strategies, automation, and scripting.
- Developed CyberArmory tool as a result of the course.

Google Cybersecurity Professional Certificate

Coursera   *Feb. 2024 (Expected)*

- Identification of threats, risks, and vulnerabilities to business operations.
- Understanding of networks and network security principles.
- Knowledge of operating systems and system hardening techniques.
- Upcoming topics: Exploits, Logs, IDS, and SIEM.

Certified AppSec Practitioner (CAP)

The SecOps Group   *Mar. 2024 (Expected)*

- Entry-level certification covering core concepts of Application Security.

PROJECTS

File Integrity Monitor | *PowerShell*

Github : https://github.com/cs-vansh/FileIntegrityMonitor

- Created an integrity baseline of a directory's files using the SHA-512 hashing algorithm.
- Continuously compared the baseline and actual files, raising alerts for new or modified/deleted files.

CyberArmory | *Python*

Github : https://github.com/cs-vansh/CyberArmory

- CyberArmory is a Python based cybersecurity tool designed to be used from the Command Line Interface(CLI).
- It compromises of various tools like Password Crackers (Dictionary and Bruteforce), WHOIS and IPWHOIS Lookups, SYN Flood, VirusTotalScan, Recursive Directory Lister and IP Geolocator.

TECHNICAL SKILLS

Concepts: Object-Oriented Programming, Data Structures and Algorithms, Software Development Life Cycle , Computer Networks, Operating System, Database Management System

Cybersecurity: Secure Development Practices, Application Security, Threat Detection and Mitigation, OWASP Top 10, OSINT, Security Standards and Frameworks

Programming Languages: C++, Python, Java

Frameworks: Django

Developer Tools: Linux Shell(Bash), PowerShell, Command Prompt (cmd), Git