

Vansh

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EXPERIENCE

Information Security Analyst

Max Conformance

Sep. 2023 – Present

- Gained understanding of information security, infosec compliance and risk assessment & management.
- Produced comprehensive Knowledge Base Documentation, reducing onboarding time by 50% .
- Conducted comprehensive functional testing, identifying and addressing over 80 bugs and areas of improvement.
- Overseeing InfoSec compliance, ensuring adherence to regulatory standards through our SaaS platform.

Java Developer

CodSoft | [Github](#)

Aug. 2023 – Aug. 2023

- Worked on foundational Java programming tasks, gaining familiarity with core concepts.
- Implemented basic Java programs to solve simple problem statements.

EDUCATION

Bhagwan Parshuram Institute of Technology

Bachelor of Technology in Computer Science

New Delhi, India

Nov. 2021 – Jul. 2025

- CGPA : 9.406/10

CERTIFICATES

Cyber Defense Engineering Using Python

CyberVidyapeeth Foundation

Cert. ID - 21216/2023

Sep. 2023

- Completed an 80-hour live Python programming training program.
- Focused on cyber defense strategies, automation, and scripting.

Google Cybersecurity Professional Certificate

Coursera

Cert. ID - FNHXLPAW6LA

Apr. 2024

- Developed understanding of security principles, network protocols, and practical application of Linux, SQL, and Python.
- Explored dynamics of assets, threats, and vulnerabilities, gaining insight into cybersecurity risk management.
- Employed packet capture for anomaly detection, and learned about IDS, IPS, and SIEM tools for security monitoring.

Certified AppSec Practitioner (CAP)

The SecOps Group

May 2024 (Expected)

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

PROJECTS

File Integrity Monitor | [PowerShell](#) | [Github](#)

- Optimized the time required for file integrity checks.
- 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](#)

- Developed a cybersecurity tool designed to be used from the Command Line Interface (CLI).
- Implemented tools like Password Crackers (Dictionary and Bruteforce), WHOIS and IPWHOIS Lookups, SYN Flood, VirusTotalScan, Recursive Directory Lister, and IP Geolocator.

SKILLS

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

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

Programming Languages: C++, Python, Java

Frameworks: Django

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

Soft Skills: Adaptability, Problem-Solving, Critical Thinking, Leadership, Communication, Attention to Detail

ACHIEVEMENTS

[Medium](#) | **Discovered IDOR in College's Third Party ERP** - Uncovered a vulnerability to access student records (SPII).

Ranked in Top 3 in Ideation Challenge at IIT Jammu - Devised a solution for tracking police officers, ensuring their presence at assigned duty locations to mitigate theft and improve law & order.