VIBHAS DUTTA

CYBERSECURITY APPERATINCE

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ABOUT ME

B.Tech Cybersecurity student with hands-on experience in ethical hacking, VAPT, and web penetration testing. Alongside cybersecurity, I explore AI/ML and automation through n8n to streamline testing and analysis workflows. With a solid understanding of how frontend, backend, and databases interact, I bridge the gap between secure development and real-world attack simulation.

EDUCATION

- Sharda University | 2022-2026
  Btech CSE (Cyber Security)
- Narayana Academy | 2020-2021
  High School
  Score: 91%
- Army Public School | 2019-2020
  Secondary School
  Score : 68%

PROJECTS

- NOXBOT | 2025

AI-powered Discord moderator bot that automates moderation with context and fairness. - Detects abusive or toxic behavior - Reviews past interactions and user history - Makes decisions using a structured decision matrix - Takes action (timeout, kick) only when justified All actions are context-aware, ensuring punishments are reasoned, not just reactive.

- ObfusEngine | 2025

ObfusEngine – an open-source, Python-based modular engine that automates multi-layered script obfuscation and payload generation for red-team operations and security research.
 Provides configurable obfuscation stages and format converters (HTA, XSL, dual-extension, etc.) for realistic adversary simulation and covert payload delivery testing.

- EVIBLOCK | 2024 - 2025

Blockchain-based digital evidence verification platform using smart contracts and cryptographic hashing to ensure data integrity and provide an immutable audit trail for digital evidence, crucial for legal and forensic applications.

- TERMICHAT | 2023 - 2024

Terminal-based chat room using Python socket library and TCP protocol for real-time communication over local networks. Showcases fundamental networking concepts with multi-user support.

- PC-ASSISTANT | 2022 - 2023

Voice-operated Windows PC assistant enabling hands-free control for opening applications, web browsing, and automation tasks. Improves productivity with speech recognition and voice commands.

SKILLS

Python,C/C++,Github&Git,Kali Linux,Vapt,WebPentesting
Nmap,Burpsuite,MetaSploit,Hascat