DIBYATARU CHAKRABORTY

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ABOUT

Hi, I'm a passionate student, developer and cybersecurity enthusiast from India. I have a strong interest in open-source contributions, development projects and in red team operations, penetration testing, and system security and proficient in identifying vulnerabilities. I am driven by curiosity, a strong work ethic, and a love for learning. I consider myself a natural problem solver, highly adaptable, eager to acquire new skills, and a team player who thrives in collaborative environments.

WORK EXPERIENCE

- **Cybersecurity Workshops (***Trainer***)**
  - Conducted workshops on **Web Application Security** and **Networking** at JIS Kalyani, SUR Tech.
  - Designed and delivered training sessions, focusing on practical skills such as vulnerability identification, penetration testing, and secure coding practices.
  - Mentored participants in using tools like Burpsuite, OWASP ZAP, NMAP for security assessments.

- **Django, Python Workshop (***Trainer***)**
  - Delivered comprehensive training sessions on **Python programming** and **Django framework** at Narula Institute of Technology, GNIT.
  - Taught participants to build robust web applications and integrate security measures during development.
  - Guided attendees in automating tasks and developing secure, scalable solutions.

SKILLS

- **Cybersecurity Tools:** Burpsuite, OWASP ZAP, Invicti, NMAP
- **Operating System:** Kali Linux, Windows 10/11
- **Programming & Scripting:** Python, My SQL
- **Development Frameworks:** Bootstrap, Firebase Database, React JS
- **Core Competencies:** Vulnerability Assessment, Penetration Testing, Secure Coding Practices, Forensic

ACHIEVEMENTS & RECOGNITION

- **Acknowledgement From**
  - NCIIPC RDVP   2
- **Hall Of Fame**
  - HHS (United States Department of Health and Human Services)   1

PROJECTS

- **Billing System & Shopping Site**   Jan 2024
  - Focused on secure web application development with real-time dashboards using Firebase, React JS, and Bootstrap.
  - https://billing-system-2024.vercel.app/

- **Windows System Security Benchmark**   Nov 2024
  - Developed scripts to identify common vulnerabilities and misconfigurations in systems.
  - Technologies: Python
  - https://github.com/Dibyataru-Chakraborty/System-Security-Benchmark

- **Protfolio**   Aug 2024
  - Showcased skills and achievements using a modern, responsive web application.
  - Technologies: React JS, HTML, Bootstrap
  - https://dibyataru-chakraborty.vercel.app/

- **Linux System Security Benchmark** — Mar 2025
  - Developed scripts to identify common vulnerabilities and misconfigurations in systems.
  - Technologies: Python
  - https://github.com/Digi-Samurai/LinuxSecurityBenchmark

EDUCATION

Digi Samurai PGCIS (Post Graduation Certificate in Information Security)	Newtown, WB Pursuing
Sister Nivedita University Master of Computer Application (70 %)	Newtown, WB Pursuing
Global College of Science and Technology Bachelor of Computer Application (77 %)	Krishnanagar, WB 2023
Dhubulia Deshbandhu High School West Bengal Council Of Higher Secondary Education (67.80 %)	Dhubulia, WB 2019
Dhubulia Deshbandhu High School West Bengal Board Of Secondary Education (50.70 %)	Dhubulia, WB 2017

INTERSTES

- **Red Teaming:** Simulating real-world cyberattacks to strengthen defenses.
- **Development:** Building applications, learning frameworks, and experimenting with code.
- **Continuous Learning:** Exploring cutting-edge technology, improving my skill set and Keeping pace with evolving cybersecurity trends.