Nomaan Jamaluddin
Security Engineer

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PROFESSIONAL SUMMARY

Computer Science graduate with certifications in CEH (Master) and eJPT, combining a foundation in offensive security with skills in cloud orchestration, software development, and secure systems design. Experienced in penetration testing practices and SIEM tools, with a focus on delivering scalable, security-first solutions in dynamic environments. Adept at leveraging open-source technologies and innovative AI workflows to deliver efficient, resilient solutions. Ready to apply a diverse technical skill set to support and strengthen organizational security initiatives.

PROFESSIONAL EXPERIENCE

VIEH Group, Remote
Web Application Security Intern   *November 2022 - February 2023*

- Performed manual security testing on web applications to identify and validate vulnerabilities including authentication flaws, insecure configurations, and injection risks.
- Produced detailed vulnerability reports with clear risk ratings, technical explanations, and remediation guidance, enabling developers to address issues effectively.
- Collaborated with senior security engineers during remediation verification, retesting patched systems to ensure security gaps were fully closed and compliance requirements were met

CERTIFICATIONS

- Certified Ethical Hacker Practical (**CEH Practical**) - Issued by *EC-Council* in 2025.
- Certified Ethical Hacker (**CEH**) - Issued by *EC-Council* in 2024.
- eLearn Security Junior Penetration Tester (**eJPT**) - Issued by *INE* in 2021.

TECHNICAL PROJECTS

AI Driven Vulnerability Assessment | *github.com/NONAN23x/Octaprobe*

- Engineered an offensive security toolkit integrating **Shodan** intelligence and **Ollama** LLMs for automated vulnerability scanning and contextual reporting.
- Enabled early detection for open ports, correlates latest Common Vulnerability Exposures (**CVEs**), performs static binary analysis, and conducts malware checks via **VirusTotal** API integration.
- Reduced average scan time by **45%** through concurrent threading and on-device AI inference.
- **Skills**: Python | Nmap | Ollama | Shodan | Docker | Vulnerability Assessment | Penetration Testing.

Security Engineering Simulation | *tryhackme.com*

- Designed & assessed secure software architectures, emphasizing cloud security & API security.
- Found and mitigated **30+** flaws across apps via **SAST**, **DAST**, and post-exploitation in lab environments.
- Practiced post exploitation, **Command and Control** (**C2**) concepts in sandboxed environments.
- **Skills**: SIEM/Splunk | SAST/DAST | Python | Threat Modeling | Incident Response

Secure Cloud Lab | *nonan23x.dev*

- Built a self-hosted **LAMP** environment with microservices like **Docker, Nextcloud**, generative AI Inference.
- Configured SSL, DNS (*.dev*), **CI/CD** pipelines, **Docker** containers, with memory caching optimizations for **DBMS**.
- Deployed scalable cloud infra with **99%** uptime, serving **60+** users. passed **20+** security scans.
- **Skills**: Linux Administration | AWS EC2/S3/IAM | Containerization | Apache | MySQL | PHP | Cloud Security

EDUCATION

Osmania University, Hyderabad
Bachelor of Engineering   *December 2021 - July 2025*
Computer Science and Engineering   GPA: 7.99/10.0
(*Specialization in IoT, Cybersecurity and Blockchain Technology*)

VOLUNTEER EXPERIENCE

President, *CyberElites Club* | *NSAKCET* | *cyberelites.org*   *July 2024 - June 2025*

- Initiated *NSAKCET's* first student club. Managed **50+** members and ran **5+** workshops, bootcamps, and guest lectures in collaboration with **3+** industry experts that reached **300+** students campus-wide in a span of 1 year.
- Cultivated a peer-learning culture and event pipeline that now operates independently of faculty oversight, ensuring the club's continuity. Enabled other branches to emerge with their own student club Identity.