

Chetali Bandodkar

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EDUCATION

University of North Carolina at Charlotte

Master of Science in Cybersecurity; GPA: 3.66/4.0

Charlotte, NC

Aug 2025 – May 2027

Vellore Institute of Technology

Bachelor of Technology in Computer Science Engineering; GPA: 3.85/4.0

Bhopal, India

Sep 2021 – Jun 2025

RELEVANT COURSEWORK

- Computer Forensics
- Information Security
- Incident Response
- Digital Forensics
- Network Security
- Penetration Testing
- Memory Analysis
- Cloud Security
- Applied Cryptography
- Enterprise Infrastructure
- OWASP Top 10
- ICS/IoT Security
- Secure Programming
- Risk Management
- NIST RMF
- PKI & VPN

EXPERIENCE

Technical Intern

The Globalizers

Jul 2024 – Nov 2024

Indore, India

- Developed iOS and Android applications while implementing secure coding practices and security protocols
- Built machine learning algorithms for personalized learning systems with data privacy considerations
- Participated in code reviews focused on identifying security vulnerabilities and ensuring secure development lifecycle

Security Intern

Fllink

Jan 2024 – Apr 2024

Bhopal, India

- Conducted security assessments and vulnerability scans on local network infrastructure and 20+ endpoints
- Developed and maintained internal testing scripts to automate patch verification and vulnerability detection
- Identified and documented security gaps, contributing to a 20% improvement in user satisfaction through optimized security protocols
- Collaborated with development team to implement security best practices in web application deployment

Security Intern

Avi Trading Company

Apr 2022 – Apr 2023

Indore, India

- Enforced industry-standard security protocols including access controls, network segmentation, and endpoint protection
- Performed vulnerability assessments on existing IT architecture, identifying and remediating critical security gaps
- Implemented secure data handling procedures for sensitive financial information in compliance with industry standards
- Developed and delivered cybersecurity awareness training to 30+ employees on phishing, social engineering, and password hygiene

PROJECTS

SOC 2 Compliance Gap Analysis | *Risk Assessment, NIST 800-53, Trust Service Criteria* Jan 2026 – Present

- Conducting simulated SOC 2 Type II readiness assessment for fictional SaaS company, evaluating controls against AICPA Trust Service Criteria (CC1-CC9)
- Identified 8 control gaps across access management, change management, and incident response domains
- Developing remediation roadmap with prioritized recommendations mapped to NIST 800-53 control families
- Creating policy templates including Access Control Policy, Incident Response Plan, and Risk Register

Network Security Monitoring Lab | *Wireshark, Nmap, Linux, Traffic Analysis*

Feb 2026

- Built virtual security lab environment using VirtualBox to simulate enterprise network monitoring scenarios
- Captured and analyzed network traffic using Wireshark, identifying protocols and potential security anomalies
- Documented findings following NIST incident response framework methodology

Static Code Analysis Tool (Meowlinter) | *Python, SAST, Secure Programming*

May 2024

- Developed static analysis security testing (SAST) tool to identify vulnerabilities in C/C++ source code
- Implemented lexical tokenization and pattern matching to detect common security flaws including buffer overflows and injection vulnerabilities

PUBLICATIONS

- Secure Federated Learning for Collaborative Intrusion Detection Systems** Dec 2024
- Published in SCOPUS-indexed journal, Nanotechnology Perceptions Vol.20, S16 (ISSN: 1660-6795)
- Building Resilient AI-enabled Detection Systems for .NET Threats** Dec 2024
- Published in SCOPUS-indexed journal, Nanotechnology Perceptions Vol.20, S16 (ISSN: 1660-6795)
- Cryptographic Protocol Design for Cloud Environments** Dec 2024
- Published in SCOPUS-indexed journal, Nanotechnology Perceptions Vol.20, S16 (ISSN: 1660-6795)

TECHNICAL SKILLS

Security Tools: Wireshark, Nmap, Burp Suite, Metasploit, ServiceNow, OWASP ZAP, SIEM concepts
Frameworks: NIST CSF, NIST 800-53, SOC 2 Trust Service Criteria, ISO 27001 (familiar)
Languages: Python, C/C++, SQL, Bash, JavaScript, HTML/CSS, Java
Platforms: Linux (Kali, Ubuntu), Windows, Git/GitHub, VirtualBox, AWS (basic)
Concepts: Vulnerability Assessment, Risk Management, Access Control, Incident Response, GRC

CERTIFICATIONS

EC-Council Certified Ethical Hacker (CEH) – ECC6850234971
ServiceNow Certified System Administrator – Certification No. 25599868
Google Cybersecurity Professional Certificate – Google/Coursera
The Bits and Bytes of Computer Networking – Google/Coursera
NPTEL Blockchain and Its Applications

ADDITIONAL EXPERIENCE

Student Associate Feb 2026 – Present
Compass Group - Part-time @ UNC Charlotte Charlotte, NC

- Employed on-campus. Maintain strict adherence to health, safety, and operational protocols in a high-volume campus environment.

LEADERSHIP & INVOLVEMENT

Active Member | *The 49th Security Division, UNC Charlotte* Sep 2025 – Present

- Attend weekly meetings and guest lectures covering CTF strategies, penetration testing, and current threat landscapes

Active Member | *Women in CyberSecurity (WiCyS), UNC Charlotte Chapter* Sep 2025 – Present

- Participate in professional development workshops, networking events, and mentorship opportunities

Vice President & Co-Founder | *CyberWarriors - Cybersecurity Enthusiasts Club, VIT* Feb 2022 – Jul 2024

- Co-founded on-campus cybersecurity club; organized educational bootcamps and workshops for 100+ students
- Developed curriculum covering ethical hacking, secure coding, and threat analysis; managed VM lab environments

Technical Lead | *Codecademy Chapter, VIT* Dec 2021 – Apr 2022

- Led team of 55 volunteers to grow chapter into India's largest and Asia's 3rd largest Codecademy community