

VISMAYA VINOD NAIR

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Education

VIT Bhopal University

B.Tech in Cybersecurity and Digital Forensics

2022 – 2026

CGPA: 8.26

Experience

Cybersecurity Intern - Arada Developments, Dubai

Nov 2024 – Dec 2024

Dubai, UAE

- Conducted threat intelligence analysis, security audits, and vulnerability assessments.
- Assisted in incident response and penetration testing using tools like Kali Linux, OWASP, and Cloudflare.
- Ensured robust cybersecurity practices within the organization.

Projects

UNITY SERVE – An Integrated Platform for Empowering NGO's in India

April 2025

- Developed a web platform with microservices for social welfare, including food donation and emergency contacts.
- Enabled volunteer registration system to connect individuals with NGOs for impactful community service
- Implemented role-based access, real-time Firestore sync, integrated chatbot, and GPay.

CYPICS – Crime Reporting and Emergency Assistance Application

May 2024

- Developed an Android application for real-time crime reporting and emergency assistance.
- Used Firebase authentication and SQL database to securely store user reports.
- Integrated emergency services like ambulance and police contacts for quick assistance.
- Enhanced public safety by providing a user-friendly platform for reporting incidents.

Coverless Image Stenography Software

May 2023

- Developed a steganography system that embeds plaintext into pre-annotated images.
- Achieved an average PSNR of 95.6, ensuring high-quality image preservation for large inputs.
- Enhanced data security by eliminating direct modifications to carrier images.

Technical Skills

Languages & Scripting: Python, Java, C++, SQL, HTML, CSS, JavaScript

Development Tools & Frameworks: React (basic), Node.js, Firebase, Android Studio, Bootstrap, Git, GitHub, REST APIs, Visual Studio, Postman

Design & Prototyping: Figma, Canva, Adobe Illustrator (basic), Wireframing, Prototyping, Accessibility Principles

Security & Network Tools: Burp Suite, Kali Linux, Wireshark, Nmap, CyberChef, VirusTotal, YARA Rules, OWASP, DNS analysis tools, VPN, Cloudflare

Cloud & Platforms: AWS, Azure, Firebase, Google Colab, Jupyter Notebook, Windows

Data Handling & Visualization: Excel (advanced), Pandas, NumPy, Matplotlib

Core Competencies: Problem Solving, Critical Thinking, Communication, Team Collaboration, Presentation Design, SEO (basics)

Certifications

- Fundamentals of UI/UX Design (Microsoft), AI Essentials (Google), Cybersecurity Specialization (Google)
- Java (Basic), Python Essentials, SQL (Basic), CSS (Basic), JavaScript (Intermediate) - HackerRank
- Cybersecurity Essentials: Ethical Hacking, Digital Forensics, Network Defense (EC-Council)
- Introduction to Cybersecurity (Cisco), Simulink and MATLAB Onramp (MathWorks), NPTEL Cyber Physical Systems

Leadership & Achievements

Cyber Warriors Club, VIT Bhopal

Apr 2024 – Present

Media and Marketing Team Co-Lead

Mozilla Firefox Club, VIT Bhopal

Nov 2023 – Present

Core Creative Team Member

- Achieved a global rank of 2822 out of 8765 participants in TCS CodeVita Season 12 — one of the world's largest competitive coding contests.
- Maintained a LeetCode streak of 314+ days and earned multiple HackerRank badges.
- C++ (5 stars), Python (5 stars), Java (2 stars), Problem Solving (3 stars).