VISMAYA VINOD NAIR

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Education

VIT Bhopal University   **2022 – 2026**
B.Tech in Cybersecurity and Digital Forensics   *CGPA: 8.33*

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 NGOs in India   **April 2025**
- Developed a microservices-based web platform enabling food donation, emergency contacts, volunteer registration, role-based access, real-time Firestore sync, integrated chatbot, and GPay payment gateway.

CYPICS – Crime Reporting and Emergency Assistance Application   **May 2024**
- Created an Android app for real-time crime reporting with secure Firebase authentication and SQL database integration, including emergency contacts for ambulance and police to enhance public safety.

Coverless Image Steganography Software   **May 2023**
- Developed a steganography system embedding plaintext into pre-annotated images achieving an average PSNR of 95.6, ensuring high image quality and enhanced data security by avoiding direct modifications to carrier images.

Technical Skills

Languages: Python, Java, C++, SQL, HTML, CSS, JavaScript
UI/UX & Design: Figma, Adobe Illustrator (basic), Wireframing, Prototyping, Accessibility Design
Cybersecurity: Kali Linux, Burp Suite, Nmap, Wireshark, YARA, CyberChef, OWASP, VPN, Cloudflare
Software & Full Stack: React (basic), Node.js, Android Studio, REST APIs, Git, GitHub, Firebase, Bootstrap
Data & AI: Pandas, NumPy, Matplotlib, Jupyter, Google Colab, Excel (advanced)
Platforms: AWS, Azure, Google Cloud, Visual Studio, Postman, Windows
Core: DSA, OOP, Problem Solving, Debugging, Collaboration, Communication

Certifications

- IBM Cybersecurity Analyst (Professional Certificate)
- Ethnus MERN Full Stack Developer Internship
- Cybersecurity Specialization (Google), Cybersecurity Essentials (EC-Council), Cisco Intro to Cybersecurity
- AI Essentials (Google), Java (Basic), Python Essentials, SQL (Basic), JavaScript (Intermediate) - HackerRank
- UI/UX Design Fundamentals (Microsoft), 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

- Selected for AlgoUniversity's Accelerator Camp with 10% scholarship and Rank 18 in Graphs Contest.
- Achieved Global Rank 2822/8765 in TCS CodeVita Season 12.
- Maintained 314+ day LeetCode streak; 5-star C++ and Python on HackerRank.