SANJAY AAKISH

Bangalore

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SUMMARY

A proactive cybersecurity-focused B.Tech student (Batch 2027) with practical experience in threat detection, malware analysis, and secure software development. Exhibits fundamental understanding of Networking, Web Development, and Ethical Hacking in addition to practical expertise in creating security solutions like deepfake detectors, malicious URL blockers, and API call monitors. Enthusiastic about investigating new developments in cybersecurity and using knowledge to solve practical security issues via ongoing education and creative problem-solving

EDUCATION

Jain University, BTech Cybersecurity   2023 – 2027
8.07/10 CGPA
Bharathi Vidhya Bhavan Senior Secondary (XII)   2023
80.5%
Shri Vethathiri Vidyalaya Matric School Secondary (X)   2021
Declared 'All Pass' by government Guidelines

TECHNICAL SKILLS

Programming: Python (Intermediate), C++, SQL, Database Management Systems

Technical Tools & Technologies: Knowledge in Networking tools, and System Configuration

Area of Interest: Networking, Ethical Hacking, Web Development, Software Development

Development Tools: Git, VS Code

Operating Systems: Windows, Linux, Wireshark

SOFT SKILLS

Critical Thinking, Innovation, Leadership, Team Collaboration, Communication

PROJECTS

Suspicious API Call Monitor   Mar 2025 - May 2025
- Using a combination of signature-based and anomaly-based API call analysis to detect threats in real time.
- Continuous monitoring and integration with security frameworks ensures better protection.
- Instant alerts to malware, unauthorized access, and API exploitation

Deep Fake Detector for Social Media Security   Apr 2025
- Detects manipulated photos, videos, and audio by using artificial intelligence and deep learning.
- Connects to social media sites to detect deepfakes in real time.
- Aids in stopping cyberbullying, identity theft, and misinformation.

Ai-Enhanced Defence Mechanisms Against Man in the Middle (Mitm) Attacks   Nov 2023 - Present
- Enhances HSTS by integrating AI for behavioural analysis and real-time anomaly detection.
- Enhances defences against Man-in-the-Middle (MITM) attacks by means of proactive and adaptive mitigation.
- Decreases vulnerabilities in secure communications and increases the efficacy of HSTS.

EXPERIENCE AND ACHIEVEMENTS

INTERNSHIPS

Python Development Intern – COGNIFYZ TECHNOLOGIES   July 2025 to July 2025

Cyber Security Intern – PRODIGY INFOTECH   June 2025 to June 2025

HACKATHON

Build With India participant   2025

Cybersecurity Events & Bug Bounty Programs

Cybersecurity Summit Bengaluru   2 May-2024
VULNCON   14-15 June 2025

CERTIFICATES

- Network Defence Essentials — Coursera
- Web Application Security Testing — Coursera
- Linux Basics — Coursera
- Database Management Essentials — Coursera
- Operating Systems: Virtualization, Concurrency & Persistence

LANGUAGES

Tamil, English