

# SANJAY AAKISH

CYBERSECURITY PROFESSIONAL

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## CAREER SUMMARY

Pre-final year B.Tech CSE student specializing in Cyber Security at Jain University. Enthusiastic about cybersecurity with practical experience in threat detection, malware analysis, and secure software development. Skilled in ethical hacking, vulnerability assessment, networking, cloud security, and incident response. Developed projects like API Call Monitors, Deepfake Detectors, and Malicious URL Blockers. Passionate about solving real-world security problems and learning advanced cybersecurity technologies.

## EDUCATION

Jain University BTech Cybersecurity	2023 - 2027
Bharathi Vidhya Bhavan Senior Secondary (XI, XII)	2022 - 2023
Shri Vethathiri Vidyalaya Matric School Secondary (X)	2021

## MINI-PROJECT'S

**Suspicious API Call Monitor** Mar 2025 - May 2025  
The Suspicious API Call Monitor is a security tool that detects threats in real time by analysing API calls using signature- and anomaly-based techniques. It tracks abnormal behaviour, integrates with security frameworks, provides continuous monitoring, and alerts administrators to prevent malware, unauthorized access, and API exploitation.

**Deep Fake Detector for Social Media Security** Apr 2025  
The Deep Fake Detector uses AI and deep learning to spot manipulated images, videos, and audio. It integrates with social media platforms for real-time detection. This helps prevent disinformation, identity theft, and cyberbullying.

## AI-ENHANCED DEFENCE MECHANISMS AGAINST MAN IN THE MIDDLE (MITM) ATTACKS

Nov 2023 - Present

The project enhances HSTS by integrating AI for real-time anomaly detection and behavioural analysis. It strengthens defences against MITM attacks through adaptive responses and proactive mitigation. The AI driven approach improves HSTS effectiveness and reduces secure communication vulnerabilities.

## INTERNSHIP

### PYTHON DEVELOPMENT INTERN

**COGNIFYZ TECHNOLOGIES** – Remote Internship July 2025 to July 2025

The Python Development Intern will assist in developing, testing, and debugging Python applications while working with databases and APIs. The role requires basic knowledge of Python, problem-solving skills, and the ability to collaborate with team members. The intern will gain hands-on experience in real-world projects, improve coding practices, and learn new technologies throughout the internship.

### CYBER SECURITY INTERN

**PRODIGY INFOTECH** – Remote Internship June 2025 to June 2025

The Python Development Intern role involves contributing to the development, testing, and debugging of Python applications while collaborating with team members on projects. The intern is expected to apply problem-solving skills, work with databases and APIs, and demonstrate attention to detail, communication, and eagerness to learn. This position provides hands-on experience with real-world projects and growth in Python development skills.

## EXPERTISE

Network Security | Ethical Hacking | Entrepreneurship | Cloud Security.

## TECHNICAL SKILLS

Programming (Python) | Web Development | Database Management Systems (DBMS) | Operating Systems.

## EXTRA CURRICULAR ACTIVITIES

- Hackathon Participant
- Completed Online Certification Courses
- Member of College Cybersecurity Club
- Participated in Cybersecurity Webinars & Conference
- Participated in Bug Bounty Programs

## CERTIFICATE'S

- Cybersecurity and Mobility — Coursera (April 3, 2025)
- Enterprise and Infrastructure Security — Coursera (May 5, 2025)
- Introduction to Cyber Attacks — Coursera (April 3, 2025)
- Network Defence Essentials (NDE) — Coursera (October 4, 2024)
- Embedded Systems using C (Colorado Boulder) — Coursera (December 8, 2024)
- Database Management Essentials — Coursera (November 16, 2023)
- Operating Systems: Virtualization, Concurrency & Persistence — Coursera (March 17, 2024)
- Basics of Entrepreneurship: Thinking and Doing — Coursera (February 19, 2025)
- Web Application Security Testing (EC-Council) — Coursera (May 10, 2025)