

SUMMARY

Cybersecurity specialist with hands-on experience in vulnerability assessments, penetration testing, and securing network infrastructures. Skilled in detecting and mitigating risks in web apps, APIs, and mobile platforms. Proficient in OWASP standards, threat identification, and security protocols. Developed custom automation tools to enhance security testing. Strong collaborator with development teams to prevent SQL injection, XSS, CSRF, and other threats. Passionate about adopting advanced security methodologies to stay ahead in cybersecurity.

EDUCATION

Synnefo Solutions	Kochi, Kerala
Cyber Security	June 2024 - February 2025
St.Mary's College Sulthan Bathery	Wayanad, Kerala
Bachelor of Computer Application – CGPA : 7.2	June 2021 - March 2024

SKILLS

- Languages: SQL, Python (Basic), BASH (Basic)
- Frameworks: OWASP
- Tools: Nmap, Metasploit, Burp Suite, Wireshark, Nessus, John the Ripper, Hydra
- Pen Testing: Web App Pentesting, Network Security Testing, Vulnerability Assessment
- Soft Skills: Active Listening, Problem Solving, Time Management, Strong Communication, Team Collaboration

WORK EXPERIENCE

CYBER SECURITY INTERN NOVAVI PVT LTD KOCHI LINK	February 01- February 28
<ul style="list-style-type: none">◦ Tested web apps and Android systems for security issues and suggested fixes.◦ Helped with vulnerability checks and risk assessments to keep systems secure.◦ Monitored security logs and network traffic to spot threats.◦ Worked with developers to improve web app and API security against SQL injection, XSS, and CSRF.◦ Researched security best practices and contributed to company policies and training.	

PROJECTS

SubFinder – Subdomain Enumeration & Live Checker Tool LINK	July 2024 - July 2024
<ul style="list-style-type: none">◦ Developed Subfinder, an automated tool for discovering and verifying active subdomains.◦ Integrated rich animations and user-friendly UI for an enhanced user experience.◦ Designed interactive prompts and a color-coded output for better user experience.◦ Implemented asynchronous processing for faster and more efficient enumeration.	
Payload Generator – Encoding & Decoding Utility LINK	September 24- October 2024
<ul style="list-style-type: none">◦ Created a custom payload encoding/decoding tool for penetration testing.◦ Integrated multiple encoding algorithms: Base64, URL Encoding, Hexadecimal, Base32.◦ Added MD5 and SHA256 hashing support for enhanced security analysis.◦ Designed an interactive UI with dynamic animations for better readability.◦ Enabled file saving for encoded/decoded payloads for future use.	
Love Waves – Pregnancy Wellness App LINK	July 23- January 2024
<ul style="list-style-type: none">◦ Developed Love Waves, a pregnancy wellness app offering health guidance, mood management, and community support for expecting mothers.◦ Integrated features like health queries, mood-enhancing music, diary entries, and compatibility chats for a holistic pregnancy experience.◦ Designed an intuitive and user-friendly UI to ensure seamless navigation and accessibility.	
Crowd Counting – AI-Powered People Detection System LINK	July 23- August 2023
<ul style="list-style-type: none">◦ Developed a deep learning-based crowd counting system using Convolutional Neural Networks (CNNs) for accurate estimation of people in images and videos.◦ Integrated real-time visualization of predictions, making it useful for surveillance, traffic monitoring, and event management.	

- Designed the model to support both image and video inputs, with the ability to train on custom datasets for improved accuracy.
- Enhanced Vulnerable URL Scanner – Web Security Analysis Tool | [LINK](#)** **January 25- August 2025**
- Developed a Python-based security scanner to detect vulnerabilities in URLs, including SQL Injection, XSS, and Path Traversal.
 - Integrated suspicious URL analysis for identifying risky redirects, clickjacking attempts, and other potential threats.
 - Designed an interactive CLI with a user-friendly interface, allowing easy scanning and results saving for future analysis.
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CERTIFICATES

- Networking Certification (SN Associates) | [CERTIFICATE](#)** **May 2022**
- Learned network protocols, Cisco Packet Tracer, client-server architecture, and secure network design.
 - Gained knowledge of the OSI model, subnetting, and basic firewall and IDS/IPS setup for network security.
- Python for Data Management & Machine Learning (L&T Edurech) | [CERTIFICATE](#)** **May 2023**
- Gained skills in Python for data handling, machine learning and automation in cybersecurity.
- Generative AI with Google Cloud (Google) | [CERTIFICATE](#)** **October 2023**
- Learned the basics of Generative AI, its uses, and how it differs from traditional machine learning.
 - Explored Google's AI tools for creating Generative AI applications and their use in cybersecurity threat detection and automation.
- Android with Compose (Google) | [CERTIFICATE](#)** **October 2023**
- Learned Jetpack Compose for modern UI development in Android applications.
 - Gained hands-on experience in building dynamic, responsive, and efficient UIs, optimizing user experience and performance.
- Computing Quantum Number In Quantum Computer (Udemy) | [CERTIFICATE](#)** **April 2023**
- Explored the fundamentals of quantum computing, including quantum states, superposition, and entanglement.
 - Gained hands-on experience in calculating quantum numbers and understanding their applications in quantum algorithms.