

JANITH GODAGE

Aspiring Penetration Tester · Cybersecurity Undergraduate

Colombo, Sri Lanka | +94 78 786 4508 | janithzgodage@gmail.com
janithgodage.live | github.com/jay6869 | linkedin.com/in/janith-godage

Cybersecurity undergraduate with an offensive-security focus and hands-on experience building practical security tooling — from web misconfiguration scanners to network reconnaissance utilities. Skilled in vulnerability assessment, web application security testing, and ethical hacking labs, with a strong interest in responsible disclosure and strengthening organizational security posture.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)

BSc (Hons) in Information Technology — Specializing in Cyber Security

Malabe, Sri Lanka

Expected Graduation: 2027

Relevant Coursework: Network Security, Cryptography, Web Application Security, Operating Systems, Database Systems

Dharmaraja College, Kandy

G.C.E. Advanced Level — Mathematics Stream

Kandy, Sri Lanka

Completed 2023

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, Bash, HTML/CSS

Frameworks & Libraries: FastAPI, Node.js, Express, Next.js, React, Tailwind CSS

Security Tools: Kali Linux, Nmap, Wireshark, Burp Suite, Wazuh

Platforms & DevOps: Docker, Git / GitHub, Linux, Vercel, SQLite

PROJECTS

Attack Surface Prioritization Engine (ASPE) | FastAPI, Celery, PostgreSQL/pgvector, React, D3, Docker github.com/jay6869/ASPE

- Built a full-stack engine that ingests raw recon output (**Nmap XML**, **httpx JSON**), enriches it, and scores every host on a multi-dimensional priority formula spanning anomaly, exposure, business value, and CVE signals.
- Engineered an ML pipeline with **IsolationForest** anomaly detection, sentence-transformer embeddings stored in **pgvector**, and **HDBSCAN / UMAP** clustering to group and visualize hosts semantically.
- Integrated a **DeepSeek LLM** orchestrator (Redis-cached, with algorithmic fallback) to rank the **Top 50 targets** with attack-chain reasoning, served via a FastAPI REST/WebSocket API and a React + D3 dashboard, fully orchestrated with **Docker Compose**.

Security Misconfiguration Finder (SMF) | Python, FastAPI, SQLite, JavaScript

github.com/jay6869/sec-misconfig-finder

- Built a web-based scanner that audits sites for misconfigurations across **HTTP security headers** (CSP, HSTS, X-Frame-Options), server banner leakage, directory listing, and sensitive file exposure (50+ paths including .env, .git, and SSH keys).
- Engineered a **100-point risk-scoring engine** that classifies findings by severity and generates consultant-grade remediation guidance for every issue.
- Exposed scanning through a **FastAPI REST API** with SQLite scan history, JSON export, per-IP rate limiting, and structured logging; designed for passive, authorized testing only.

PortScan — Network Reconnaissance Tool | Node.js, Express, JavaScript

github.com/jay6869/port-scanner

- Developed a browser-based recon tool performing **TCP port scanning, subdomain discovery, and virtual-host discovery**, running entirely on localhost with no external services.
- Implemented a lightweight **Express** backend serving real-time scan results to a vanilla HTML/CSS/JavaScript interface.

Employee Security Awareness Program (ISO 27001) | Security Governance

- Designed an information security awareness and training program aligned with **ISO/IEC 27001 Annex A** controls, covering phishing, password hygiene, and secure data handling for organization-wide rollout.

Bug Bounty Reports & Linux Network Lab | Web/API Security, Linux

- Submitted **10+ valid bug bounty reports** across multiple platforms (web and API vulnerabilities) via responsible disclosure, and configured a hardened Kali Linux VM running DHCP, DNS, NTP, and SSH with automation scripts.

REFERENCES

Mr Waruna Sri Dhanapala

Secretary, Ministry of Digital Economy & Chairman, TRCSL
Sri Lanka Administrative Service — Special Grade
One Galle Face Tower, Colombo 02
+94 77 735 6781 · secretary@mode.gov.lk

Mrs Ranmini Unantenne

Manager — Career Guidance, SLIIT
Career Guidance Unit
Sri Lanka Institute of Information Technology, Malabe
+94 11 754 3113 · ranmini.u@slit.lk