

SABARISH R

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CAREER OBJECTIVE

Cybersecurity-focused B.Tech CSBS student seeking an internship to apply hands-on skills in threat detection, penetration testing and LLM security. Built real-world AI security systems across 6 internships, led teams in national-level hackathons and submitted research to an IEEE co-sponsored conference.

INTERNSHIP EXPERIENCE

Cybersecurity Intern · Shentinelix Sphere Pvt. Ltd. *Sep – Dec 2025 · Remote*

- Built AI-driven threat detection platforms (email, URL, QR code, log analysis) using Gemini API; cut manual threat analysis time by 60% with real-time automated dashboards and alert pipelines.
- Engineered LLM prompt security middleware with PII redaction, prompt injection detection, RBAC and rate limiting via FastAPI, achieving 95%+ alignment with SOC workflows and HIPAA compliance standards.
- Earned TryHackMe Gold League 1st Place — 29-day streak — covering OSINT, Active Directory, malware analysis and web exploitation, demonstrating consistent applied offensive security skills.

Cybersecurity Intern · TANSAM (TIDCO × Siemens) *Apr 2025 · Chennai*

- Developed Phishing Email Detection System using Scikit-learn, TF-IDF and NLP; achieved 92% classification accuracy across 1,000+ email samples with Gmail API integration for real-time inbox scanning.
- Performed penetration testing using Kali Linux and John the Ripper in simulated enterprise environments; applied OWASP Top 10, ISO 27001 and PCI-DSS frameworks to threat modelling exercises.

ServiceNow Platform Admin Intern · ServiceNow × AICTE *Jun – Jul 2025 · Remote*

- Automated ITSM workflows (Incident, Change, Problem) using Flow Designer; achieved estimated 40% reduction in ticket resolution time.

EDUCATION

B.Tech — Computer Science and Business Systems (CSBS) *2024 – 2028*

Panimalar Engineering College, Chennai GPA: 8.2 · 2nd Year, 4th Semester

PROJECTS

AI-Kavach — Real-Time Cyber Defense System

Python, Flask, Scikit-learn, VirusTotal API, Chrome Extension (MV3), Brevo API 2025

- Designed and built a real-time threat detection system that scans URLs, files and system behaviour using ML classifiers trained on 10,000+ samples, achieving 95% detection accuracy on phishing and malware.
- Automated incident response — system auto-closes malicious URLs, triggers email and sound alerts via Brevo API, and logs all events with timestamps and severity levels for post-incident forensic review.
- Built a Manifest V3 Chrome extension that silently monitors browsing, flags unsafe sites in real time and pushes browser-level threat alerts.

Prompt Compliance Automation

Python, FastAPI, Streamlit, spaCy, Microsoft Presidio, Detoxify Sep 2025

- Intercepted LLM inputs via a multi-stage pipeline — PII detection (Presidio), toxicity classification (Detoxify) and prompt injection pattern matching — blocking non-compliant prompts before reaching the model.
- Achieved 93% precision across 500+ test prompts; integrated a live Streamlit dashboard with audio alerts and per-request compliance logs for analyst review.
- Selected Top 15 at Cognizant PEC Techathon 3.0 as the only 2nd-year team — validated technical execution and product thinking in a competitive pre-final year field.

TECHNICAL SKILLS

Cybersecurity:	Kali Linux, Wireshark, Burp Suite, Nmap, Snort IDS, Metasploit, SIEM, OSINT, Penetration Testing, Malware Analysis, Active Directory
Programming:	Python, Java, JavaScript, SQL
AI / ML:	Scikit-learn, NLP, Gemini API, Prompt Engineering, FAISS
Web & Tools:	FastAPI, Flask, Node.js, React.js, Streamlit, GCP, MongoDB, Git, Postman, ServiceNow

SOFT SKILLS

Leadership:	Led teams across 4 hackathons; youngest team lead (2nd year) at Cognizant Techathon 3.0
Problem Solving:	Built and shipped production security systems under real internship deadlines; 25+ GitHub repositories
Collaboration:	Collaborated with mentors and peers across cybersecurity, AI and full-stack internship environments
Adaptability:	Rapidly onboarded into SOC workflows, ITSM platforms and LLM pipelines with minimal ramp-up time

CERTIFICATIONS

Google Cybersecurity Specialization · Google · Jun 2025

Claude Code in Action · Anthropic · Feb 2026

Machine Learning Specialization · DeepLearning.AI / Stanford · Aug 2025

Postman API Fundamentals – Student Expert · Postman · Oct 2025

ACHIEVEMENTS & AWARDS

- Top 15 Teams — Cognizant PEC Techathon 3.0: Only 2nd-year team selected among pre-final year participants; presented live LLM prompt compliance middleware.
- Certificate of Appreciation — PECTEAM 2K25 International Technical Conference, Panimalar Engineering College: Live demo of AI-Kavach cyber defense system.

LANGUAGES

English: Read, Write, Speak (Professional) Tamil: Read, Write, Speak (Native)