Arjun S

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EDUCATION

KL University   Andhra Pradesh, IN
Bachelor's of Science, Computer Science and Engineering   *June 2021 — May 2025*

SKILLS

- **AI & LLMs**: LangChain, LangGraph, Agentic Workflows, OpenAI/Gemini SDKs, RAG, Prompt Engineering
- **Full Stack**: FastAPI, React, Next.js, Tailwind CSS, Node.js, Docker, Git, Google Cloud Platform, Vector Databases

WORK EXPERIENCE

Cybersecurity Analyst   Jan 2025 — Feb 2026
KPMG India   *Bangalore, IN*

- Orchestrated end-to-end VAPT and Vulnerability Management cycles for a **Bangalore international airport (BIAL Ltd)**, securing **1,500+** critical assets across web applications, servers, and network infrastructure.
- Engineered a **cloud-native SaaS** platform for large-scale artifact analysis, leveraging AI-driven insights to accelerate incident response timelines.
- Developed a high-performance parsing engine to ingest and correlate heterogeneous data sources, including PCAP, EVTX, Linux logs, and multi-cloud audit trails.
- Built an AST-based, thread-safe analysis engine mapping real-time detections to the **MITRE ATT&CK framework** for reproducible and explainable threat hunting.
- Integrated **Google Gemini SDKs** to enable real-time enrichment and cross-artifact correlation, surfacing complex attack narratives from raw telemetry.
- Architected the **Agile Threat Hunting and Incident Response (ATHIR)** framework, streamlining iterative rule authoring and LLM-assisted triage.
- Prototyped conversational AI copilots to automate investigation tasks and validate hypotheses, reducing manual triage time for responders.

VAPT Intern   May 2024 — Jan 2025
WhizzC Pvt Ltd   *Chennai, IN*

- Executed 4 Web, 2 Network, 1 API, and 1 Mobile App penetration tests across 7 diverse client groups.
- Single-handedly uncovered 7 critical and 16 high-severity vulnerabilities during DAST engagements.
- Assisted in CVSS scoring and drafting of 9 professional penetration testing reports with proof-of-concepts.

PROJECTS

Hacklido - Leading Infosec Blogging Platform with 6k+ Users and 150k+ Reads / Month, built with LAMP Stack and unmanaged VPS.   hacklido.com

Dorkit - Browser-Based Automated Google Dorking Tool for OSINT processing 350k+ Dorks / Month using ReactJS.   dorkit.arjun.guru

PRVigil - Django application ensuring only PRs with healthy code and SCP compliant code are merged into GitHub repositories.   github.com/admiralarjun/prvigil

AuditX - Compliance as Code Platform to manage and execute remote audits using SSH tunnels in accordance to CIS benchmarks via FastAPI.   github.com/admiralarjun/auditx

SemGrepConsolidator - Python utility to automate SemGrep SAST scans for full stack projects and export reports into a single SARIF format.   github.com/admiralarjun/semgrep_scan_consolidator

RESEARCH PUBLICATIONS

[ORCID: 0009-0006-8874-6115](https://orcid.org/0009-0006-8874-6115)

- Beyond Text: Nefarious Actors Harnessing LLMs for Strategic Advantage.
- Beyond Copy-Pasting - Contextualizing LLMs for Secure Code Generation.