A. Harrish Raj Senior Information Security Engineer

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🪪 PROFILE

Senior Information Security Engineer with 4+ years of experience across **cloud security, product security, and GRC** in **AWS, GCP**. Led **Cloud Detection & Response (CDR)** initiatives using **AWS CloudTrail**, building **attack-path–based detections** aligned to **MITRE ATT&CK**. Strong in **cloud security controls, IAM, risk scoring, and threat prioritization**, with experience integrating **deterministic logic, UEBA, and ML-assisted analysis**. Proven background in **control testing, audit readiness, and compliance** across **NIST CSF, CIS Controls, ISO 27001, GDPR, PCI DSS, HIPAA, and EU DORA**, including regional regulations for the **US, UK, Middle East, and India BFSI**. **Google Cloud Professional Cloud Security Engineer (PCSE)** who partners closely with **engineering, product, and compliance teams** to deliver **scalable, business-aligned security solutions**.

💼 WORK EXPERIENCE

Senior Information Security Engineer
Banyan Cloud Inc. 🔗
May 2024 – Present
Bengaluru, India

- **Led development of a Cloud Detection & Response (CDR) system** using **AWS CloudTrail**, building detection use cases and mapping cloud activity to **MITRE ATT&CK** to improve visibility into malicious behavior across cloud infrastructure.
- **Implemented privacy and security controls** for **Nigeria (NDPR)** and **Kenya (Data Protection Act, 2019)**, conducting regulatory research and control mapping to support **future Sri Lanka compliance**.
- **Embedded India BFSI regulatory requirements (RBI, IRDAI, SEBI)** into **product architecture, IAM policies, and audit-ready documentation**, enabling compliance for enterprise customers.
- **Driving design of an internal Risk Management Framework**, strengthening governance, enabling **continuous risk assessment**, and **control validation** across security and compliance domains.

Information Security Engineer
Banyan Cloud Inc. 🔗
August 2021 – April 2024
Bangalore, India

- **Led security operations and compliance** across **multi-cloud and hybrid environments**, driving **control testing, GRC mapping, audit readiness, and risk management**.
- **Delivered global regulatory compliance** across **GDPR, HIPAA, PCI DSS, ISO/IEC 27001, NIST CSF, and EU DORA**, including **US, UK, and Middle East** frameworks.
- **Strengthened cloud security posture** by improving **IAM, permission boundaries, RBAC, and security testing** across **AWS, Azure, and OCI**.
- **Enhanced product and detection security** by applying **CIS Benchmarks** and mapping **MITRE ATT&CK** to cloud services, improving **configuration hygiene and detection coverage**.

Data Security Consultant
Banyan Cloud Inc. 🔗
May 2021 – August 2021
Bangalore, India

- **Performed security testing across internal environments** to identify vulnerabilities, assess exposure risk, and support remediation efforts, strengthening overall **data protection and security posture**.
- **Partnered with infrastructure teams to implement Data Loss Prevention (DLP)** controls, reducing the risk of **unauthorized data access** and ensuring protection of sensitive information.

Cyber Security Intern - Remote
Virtually Testing Foundation 🔗
January 2021 – March 2021
California, USA,

- Gained hands-on experience in **cybersecurity fundamentals** by completing mini-projects and research-based learning focused on vulnerabilities, secure configurations, and access control.

🧠 SKILLS

Core Skills: (Cloud Security, Product Security, Threat Modeling, Risk Management, Governance, Risk & Compliance, Information Security)

Cloud Platforms: (Amazon Web Services (AWS), Google Cloud Platform (GCP))

Security & Detection: (AWS CloudTrail, SIEM, UEBA, MITRE ATT&CK, IDS/IPS, Threat Detection | & Modeling)

Governance & Compliance: (ISO 27001/27002/27701, GDPR, PCI DSS, HIPAA, EU DORA, SOC 2, DPDPA, with 40+ regulations and frameworks.)

Security Practices: (Security Control Mapping, Audit Readiness, Risk Assessment, Vulnerability Management, Policy Creation and Implementation, Awareness & Training,)

Tools: (Burp Suite, OWASP ZAP, Wireshark, Snort, Metasploit, Kali Linux, ParrotSec Linux, SIEM & GRC tools,)

Programming: (Python, JSON, C++)

Controls, Frameworks & Benchmarking: (Cloud Security Controls, NIST CSF, CIS CONTROLS V8, NIST 800-53, 800-171, NIST PF, CIS AWS & GCP Benchmarking, CAM Policies)

🎓 EDUCATION

Bachelor of Engineering / Computer Science & Engineering
Dhanalakshmi Srinivasan Engineering College / 8.2 CGPA / 3.32-4 GPA 🔗
August 2017 – June 2021
Perambalur, India

Higher Secondary Certificate / Computer Science
St. James Matriculation Higher Secondary School / 80.3% / 3.21-4 GPA 🔗
2016 – 2017
Trichy, India

Secondary School Leaving Certificate
St. James Matriculation Higher Secondary School / 87% 🔗
2014 – 2015
Trichy, India

📁 PROJECTS

Cloud Detection & Response (CDR) Platform
Attack Path–Driven Threat Detection (Organization Project)
- Designed an attack-path–driven Cloud Detection & Response (CDR) system for AWS to detect advanced threats across multi-service environments.
- Mapped realistic attacker navigation paths across 30+ AWS services using a structured cloud kill chain model.
- Implemented hybrid detection combining signature-based guardrails with ML-driven UEBA to reduce false positives.
- Built contextual enrichment using CloudTrail, identity, session correlation, and CSPM posture for accurate threat analysis.
- Developed risk-scoring logic to prioritize high-impact attack paths over isolated security events.
- Improved threat visibility and investigation efficiency by presenting end-to-end attack narratives.

GRC Framework Mapping & Regulatory Compliance Automation
(Organization Project)
- Led a team initiative focused on Governance, Risk, and Compliance (GRC) to streamline regulatory research and map global security laws to internal security control frameworks.
- We developed a structured methodology to align organizational controls with international standards, such as ISO 27001, NIST CSF, GDPR, and HIPAA, as well as region-specific regulations like CCPA and PDPB.
- The goal was to ensure ongoing compliance and reduce audit fatigue across products and geographies.
- Enabled a centralized and scalable GRC solution, reduced manual mapping efforts by 70%, and improved audit readiness across teams

CVE Identification and alert management
(Organization Project)
- Led R&D using **NVD** and **OpenCVE** tools to analyze vulnerability data and align CVE identification with customer infrastructure.
- Defined and finalized core **features, components, workflows, and overall code architecture** in collaboration with two developers.
- Developed **pseudo code and partial core implementation**, actively collaborating with the development team to align backend design with security requirements; delivered a fully integrated solution that went live.

Shayera AI - A Virtual Assistant for PC
(University Project)
- As a Team of Three Members, We had Create an Actual Virtual Assistant to all supported Computers.
- I'm the Team Lead of this Project, Helping Team-Mates to develop the code in our own way of exposure.
- This Virtual Assistant can be controlled by voice. As this Assistant using Artificial Intelligence to Recognize the user's Voice and Respond.
- This Project is an initial Start to provide an example of my futuristic Model of Shayera - AI.

🔖 CERTIFICATIONS

Professional Cloud Security Engineer ✎
  Google Cloud - Certified

Google IT Support Specialist ✎
  Google & Coursera - Specialist

ISO/ IEC 27001 INFORMATION SECURITY ASSOCIATE ✎
  SkillFront - Associate

Cyber security Specialist Professional Certificate ✎
  IBM, ISC2 & Coursera

IBM Cyber Security Analyst ✎
  IT fundamentals for Cyber Security
  Security Analyst fundamentals

Palo Alto Cyber Security Networks Professional ✎
  Palo Alto & Coursera - Professional

SASE Expert - ✎
  CATO Network - Level 1 & 2

Google Cyber Security Specialization ✎
  Google & Coursera - Specialist

Certified Cyber Threat Intelligence Analyst ✎
  CCTIA - Cyber Training 365

Ethical Hacking Essentials ✎
  Codered by Eccouncil

Cloud Cybersecurity Certificate ✎
  Google Cloud - Certified

Blue Team Junior Analyst ✎
  BTJA - SecurityBlue Team

Cyber Samurai Program in Cyber Defence ✎
  IIT Jodhpur (TISC) - Entry-Level

📚 WORKSHOPS, IN-PLANT TRAINING, CONFERENCE & VIRTUAL INTERNSHIPS

Software Engineering Virtual Experience,
  JPMorgan Chase & Co

Securing the Digital Frontier - Quaterly Meet-up
  Bsides Bangalore

Engineering: Undergraduate & Masters Virtual Internship Platform,
  Microsoft

Annual Cybersecurity Conference 2024
  Bsides Bangalore

Technology Consulting Virtual Internship,
  Deloitte

Cyber Security Conference, IOT-Village 2020
  CIACON2020