MD. ABDULLAH AL OWASI

Technology Risk & AI Governance Architect

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EXECUTIVE PROFILE

Technology risk and AI governance practitioner who designs evidence-led governance systems across control assurance, third-party risk, AI risk operations and executive reporting. Portfolio architecture connects requirement → control → evidence → exception → residual risk → decision, with artifacts spanning SOC 2 Trust Services Criteria, ISO/IEC 27001, NIST AI RMF, EU AI Act transparency, GDPR Article 28 and ISO/IEC 42001.

CORE EXPERTISE

Technology Risk Management | Governance, Risk & Compliance (GRC) | ISO/IEC 27001 | SOC 2 TSC | Risk Registers | Control Design & Testing | Audit Readiness | Evidence Collection | Third-Party Risk Management (TPRM) | Vendor Risk Assessment | Remediation Tracking | KRIs & Executive Reporting | NIST AI RMF | AI Governance | EU AI Act | GDPR Article 28 | Policy & Standards | Stakeholder Communication | Python | SQL | TypeScript | Git/GitHub

SELECTED GOVERNANCE ARCHITECTURE

Enterprise Trust & Customer Assurance Architecture | **SOC 2 · ISO 27001 · GDPR · NIST**

- Architected a 15-domain assurance model and 25-question buyer-diligence knowledge base linking trust questions to evidence paths, accountable owners, review cadence, exceptions and remediation decisions.
- Structured coverage across identity, encryption, incidents, subprocessors, retention, AI data use and control evidence to reduce ambiguity during security and procurement review.

AI Governance Operating Architecture | **NIST AI RMF · EU AI Act · ISO/IEC 42001**

- Mapped 15 AI use cases across business purpose, data classes, stakeholders, human oversight, inherent risk, controls, residual risk, monitoring and NIST AI RMF Govern/Map/Measure/Manage functions.
- Built transparency decision logic for interactive and synthetic AI use cases, including applicability, disclosure, content-marking and accountable-owner fields.

Third-Party Risk & AI Provider Decision System | **TPRM · Vendor Risk · GDPR Art. 28**

- Designed a 10-vendor risk register and 20-question vendor-risk assessment using criticality, data exposure, assurance evidence, contractual obligations and residual-risk treatment.
- Modeled approve, remediate, accept and reject decision states for AI, cloud, collaboration and developer-platform providers.

Control Assurance & Continuous Audit Operations | **Control Testing · Evidence · Remediation**

- Created a 15-domain control inventory connecting control intent to evidence, cadence, owner, test procedure, exception, remediation and retest state.
- Built a 15-risk executive register with likelihood, impact, residual risk, treatment, KRI, threshold and escalation logic for decision-grade reporting.

TECHNICAL SYSTEMS

Python for data transformation and governance artifact generation | SQL/data modeling for risk and evidence inventories | TypeScript/React/Next.js for typed decision interfaces | Git/GitHub for change traceability and delivery discipline

EDUCATION

SEGi University, Malaysia | BSc (Hons) Computer Science program

Systems foundation: software engineering, data structures, databases, automation and technical problem decomposition applied to governance and technology-risk work.

EVIDENCE PORTFOLIO

10 governance systems | 15 AI use cases | 25 buyer-diligence questions | 20 vendor-risk questions | Executive portfolio binder and evidence workbook available at the portfolio URL.