

# COREY KELLY

AI Governance and Security | 15 Years Cyber Security | Ex-CIA Operations

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## PROFILE

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Senior cyber security practitioner with 15 years across operational security, threat intelligence, and AI governance. Currently leading the AI governance and live security assessment programme for an AWS Bedrock implementation, alongside foundational programme ownership across ISO 27001, PCI-DSS, and Essential Eight. Five years inside the CIA built the operational standard: integrity, accountability, and ownership of outcomes. The next chapter is at the intersection of AI and security, building and securing the systems organisations are now relying on.

## CORE STRENGTHS

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AI Governance and Responsible Use • Adversarial ML Risk and Model Assurance • Cloud AI Infrastructure Security (AWS Bedrock) • Threat Modelling and Threat Intelligence • ISO 27001 ISMS Leadership • PCI-DSS (QSA Background) • Essential Eight Uplift • Privileged Access Management • Vulnerability Management • Third-Party Risk Assurance • Executive and Board-Level Risk Reporting

## SELECTED ACHIEVEMENTS

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- **Live AI Governance for AWS Bedrock.** Developed the AI governance framework and conducted live security assessment for an AWS Bedrock implementation while the build was active. Defined guardrails, responsible use guidelines, and the assessment methodology used to validate the platform during development rather than after.
- **Passwordless Authentication Rollout.** Identified credential theft attempts above industry average through email gateway telemetry. Designed and rolled out passwordless authentication across 80 employees over two months. Zero productivity incidents. Credential theft from the primary vector reduced to zero.
- **ISO 27001 ISMS Ownership.** Built and have sustained the ISO 27001 ISMS at Advent One across five consecutive surveillance audits with zero major non-conformities. Designed and implemented the original ISMS at Thomas Duryea Consulting and led the business through first certification.
- **CIA Operations Background.** Five years of operational deployments in support of CIA mission objectives across the Middle East. Operated under an integrity and accountability standard that has shaped every security role since.

## PROFESSIONAL EXPERIENCE

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### Information Security Officer | Advent One

Nov 2020 – Present

Melbourne, Australia

- Led development of the AI governance programme for a live AWS Bedrock implementation. Authored the AI responsible use policy, defined the guardrails the build had to operate within, and conducted the security assessment against those guardrails during active development.
- Built and have maintained the ISO 27001 ISMS for five consecutive years across surveillance audits with zero major non-conformities.
- Discovered credential theft attempts running above industry average through email gateway telemetry. Designed and rolled out passwordless authentication across the business: 80 employees in two months, zero productivity incidents, credential theft from that vector eliminated.
- Hired and grew the security function from a single-person role into a team aligned to business scale, supporting the company's move into more regulated and assurance-driven environments.
- Owned privileged access management strategy, vulnerability management, third-party and supplier risk processes, and security policy development across the business. Reported risk to executive leadership and the board on a monthly cadence.

- Led Essential Eight uplift in partnership with engineering and operational teams to ensure controls were effective in practice, not just on paper.

**Threat Intelligence Analyst | Foregenix**

*Mar 2019 – Nov 2020*

Melbourne, Australia (Remote)

- Sole APAC threat intelligence resource within a global function, providing 24/7 coverage in coordination with the UK team and forensics specialists.
- Tracked threat actor activity, vulnerability trends, and attack techniques targeting client environments. Specialised in e-commerce compromise and payment card-targeted malware campaigns.
- Produced actionable threat reporting, indicators of compromise, and strategic briefings that informed live incident response across the region and translated raw telemetry into risk-graded decisions for client executive teams.

**Senior Security Consultant | Verifone Australia**

*Aug 2018 – Feb 2019*

Melbourne, Australia

- Provided internal security guidance to the Verifone Cloud Services division operating APAC payment gateways.
- Managed PCI-DSS compliance programme across the APAC region for one of the world's largest payment infrastructure businesses.
- Configured and operated security tooling for threat detection and remediation across internal and external attack surfaces.

**Senior Security Consultant | Foregenix**

*Sep 2017 – Jul 2018*

Melbourne, Australia

- Delivered PCI-DSS consultation across APAC enterprise clients, helping organisations embed compliance as business as usual rather than annual scramble.

**Security Consultant (QSA) | Trustwave**

*Jan 2016 – Jul 2017*

Melbourne, Australia

- Qualified Security Assessor delivering PCI-DSS assessments and ISO 27001 implementations across the APAC region.
- Conducted risk assessments, designed mitigation strategies, and authored policy and procedure documentation for clients across multiple industries.

**Operations Engineer | Thomas Duryea Consulting**

*Jun 2014 – Dec 2015*

Richmond, Victoria

- Designed and implemented the organisation's first ISO 27001 ISMS for the cloud services environment. Built the foundational security policies, risk processes, and operational controls from scratch and led the business through first certification.

**Communications and Systems Officer | Central Intelligence Agency**

*Mar 2008 – Aug 2013*

Washington D.C. / Middle East

- Five years of operational deployments in support of CIA mission objectives, primarily across the Middle East.
- Progressed through Help Desk Analyst, Project Manager, and Senior Systems Administrator. Owned Windows Server, Active Directory, VMware, Cisco network, and access control infrastructure across deployed environments.
- Operated under a standard of integrity, accountability, and ownership that has shaped every security role since.

**EDUCATION AND CERTIFICATIONS**

**Associate of Science, Network Security** | ECPI College of Technology, North Carolina | 2005 – 2007 | GPA 3.5 / 4.0

AWS Certified AI Practitioner (in progress). Active practitioner study across foundational AI models including Anthropic Claude, with hands-on application inside live Bedrock implementation work.