

# Ashutosh Gupta

Cybersecurity Graduate & Technology Analyst  
GRC · Cloud Security · Business Analysis · Agile Delivery

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## PROFESSIONAL SUMMARY

Cybersecurity graduate from Macquarie University (Dec 2025) with broad, hands-on experience across cloud security architecture, GRC, penetration testing, digital forensics, incident response, and business analysis. A practical technologist who builds things — from production cloud platforms to forensic frameworks to Jira governance systems — and communicates findings clearly to both technical teams and senior stakeholders. Fluent in NIST CSF, ISO 27001, and Essential Eight. Experienced with Agile delivery, requirements elicitation, functional specifications, and stakeholder facilitation. Equally effective as a solo contributor and as a collaborative team member within large, complex programs. Holds full Australian work rights and is pursuing security clearance.

## CORE COMPETENCIES

Security & GRC	NIST CSF · ISO 27001 · Essential Eight · Vulnerability Assessment · Incident Response · Penetration Testing · DFIR · OWASP Top 10
Business Analysis	Requirements Elicitation · Functional Specifications · User Stories & Acceptance Criteria · Process Mapping · Workshop Facilitation · Traceability · Backlog Refinement
Cloud & Infra	Microsoft Azure · AWS · IAM · RBAC · APIs & Integrations · Data Flow Analysis · Linux / UNIX · Virtualisation
Tooling	Jira · Confluence · Azure DevOps · Wireshark · Autopsy · FTK Imager · Volatility · Kali Linux · SIEM
Development	Python · Go · Rust · C · Java · SQL · Flask · REST APIs · Git
Delivery	Agile & Hybrid Delivery · Dependency Management · Risk & Issue Management · UAT Support · Stakeholder Engagement · Executive Reporting

## CERTIFICATIONS & ACHIEVEMENTS

<b>Microsoft SC-900</b> Security, Compliance & Identity	<b>Microsoft AZ-900</b> Azure Fundamentals	<b>Google DC Hackathon Winner 2023</b>	<b>BTL1 — Blue Team Level 1</b> In Progress	<b>AWS Cloud Practitioner</b> In Progress
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## EDUCATION

### Bachelor of Cybersecurity

Jan 2023 – Dec 2025 | Sydney, Australia

#### Macquarie University

- Full security stack: cryptography, network security, cloud architecture, digital forensics, GRC, and secure systems design — with a focus on translating technical complexity into clear, structured documentation and practical controls.

## PROJECTS & TECHNICAL WORK

### Jira & Confluence Delivery Dashboard — Insolvency Case Management

Requirements Elicitation | Jira | Confluence | Workflow Design | Agile | Stakeholder Reporting

- Under the guidance of Matthew Mansour, designed and built a complete Jira project board and Confluence knowledge hub to manage a complex insolvency resolution end-to-end — configuring custom workflows, sprint cadences, dashboards, decision logs, and escalation procedures consumable by non-technical stakeholders.
- Demonstrates end-to-end BA delivery: elicitation, backlog design, traceability, dependency management, and stakeholder sign-off.

### CyberVantage — Secure File Encryption Platform

github.com/ashuthecoder/CyberVantage

Python | Flask | AES-256 | Azure | IAM / RBAC | NIST CSF | ISO 27001

- Designed and deployed a cloud-hosted encryption platform on Azure — AES-256, RBAC, IAM, audit logging, and monitoring — translating NIST CSF and ISO 27001 controls into production-grade infrastructure independently. Architecture documentation and security specifications produced throughout.

### Android Digital Forensics Framework

github.com/ashuthecoder

Python | ADB | Volatility | Autopsy | FTK Imager | SQLite

- Built an end-to-end forensic framework covering memory acquisition, file system examination, and artifact extraction. Produced automated chain-of-custody reports aligned to NIST/SANS standards.

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## CVE-2016-3714 (ImageMagick) — Exploit Replication & Remediation

RCE Vulnerability Analysis NIST CSF Defence-in-Depth Incident Response

- Reproduced a critical RCE vulnerability in a controlled lab, conducted root cause analysis, mapped findings to NIST CSF, and designed a layered defence-in-depth mitigation strategy with executive-ready reporting on impact, remediation steps, and residual risk.

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## Wireless Network Penetration Testing Lab

Kali Linux Aircrack-ng Wireshark Vulnerability Assessment

- Captured WPA/WEP handshakes, performed live traffic analysis to identify authentication weaknesses, and produced a structured findings and remediation report in client-deliverable format.

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## WORK EXPERIENCE

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### Team Leader — F&B & Operations

Jan 2024 – Present | Sydney

#### Gema Group

- Led a team across a high-throughput venue — managing rostering, real-time incident resolution, staff mentoring, and POS/IT troubleshooting. Identified process gaps and implemented structured escalation workflows that reduced resolution times.
- Built strong prioritisation discipline, cross-functional communication skills, and composure under pressure directly applicable to complex delivery environments.

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### Sales & Operations Assistant

Oct 2024 – Feb 2026 | Sydney

#### Michael Hill

- Maintained compliance records and resolved system issues via structured troubleshooting in a high-accountability environment. Developed clear documentation habits and the ability to communicate technical findings to non-technical stakeholders.

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### Team Leader — Events & Operations

Apr 2023 – Jan 2024 | Sydney

#### Venues Live

- Managed multi-stakeholder teams across large-scale live events — coordinating dependencies, adapting delivery plans in real time, and keeping all parties aligned under pressure.

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### Administration & IT Support Assistant

Aug 2022 – Jan 2023 | India

#### Shree Plastic Works

- Managed documentation workflows and IT support with foundational attention to data integrity, process compliance, and accurate record-keeping.

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## COMMUNITY & VOLUNTEERING

**General Executive, Macquarie CyberSec Society** — Jun 2024–Present. CTF events, workshops, and speaker coordination.

**Event Volunteer, BSides Sydney** — Australia's practitioner-led security community.

**Technology Volunteer, The Laptop Initiative** — Device refurbishment for underserved communities.

**Event Volunteer, Vivid Sydney & FIFA Women's World Cup** — Large-scale logistics and coordination.

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References available on request · [ashutoshgupta.me](http://ashutoshgupta.me) · [github.com/ashuthecoder](https://github.com/ashuthecoder)