

[Full name]

Application/Product Security Engineer Graduate (Security BP) - 2027 Start | TikTok

Sydney NSW | [Australian mobile] | [Email address]

Fictional resume example. All credentials, experience and results are illustrative.

Professional profile

Computer science graduate with hands-on application security experience from an internship, secure-coding projects and capture-the-flag practice. Able to review web applications, APIs and design decisions using threat modelling, code review, automated checks and black-box testing, then document findings for engineering teams. Writes Python and JavaScript, understands operating-system, network and cloud security fundamentals, and approaches incident evidence carefully while continuing to build depth in product security research.

Relevant skills

Application security: Threat modelling, secure design review, web and API testing, OWASP concepts, code review, vulnerability validation and remediation guidance.

Security engineering: Python and JavaScript automation, Linux, network and cloud fundamentals, static and dynamic analysis, Git and reproducible security tooling.

Incident and research methods: Evidence preservation, log analysis, root-cause support, concise findings, CTF practice, responsible disclosure concepts and security research notes.

Product collaboration: Clear risk communication, partnership with developers, verification of fixes, curiosity about unfamiliar systems and disciplined handling of sensitive information.

Relevant experience

Application Security Intern | Example Digital Lab

Sydney NSW | November 2025 - June 2026

- Reviewed six training web applications and APIs using threat models, manual testing and code review, documenting 14 validated findings with reproduction steps and risk context.
- Wrote Python scripts to automate header, dependency and endpoint checks across 30 sample services, then manually verified results to remove false positives.
- Partnered with three student development teams to explain authentication, input-validation and access-control issues and retested eight remediations before closure.
- Supported two simulated incident exercises by preserving logs, building timelines, identifying affected accounts and recording containment and follow-up actions.

- Completed weekly CTF exercises covering web exploitation, Linux privilege boundaries, network traffic and basic cryptography, maintaining reproducible solution notes.
- Presented a concise security review to technical and non-technical assessors, separating confirmed vulnerabilities from hypotheses and recommended hardening.

Selected projects

Secure-by-Design API Review

Security engineering capstone | 2026

- Created a data-flow diagram and threat model for a Node.js API, identifying trust boundaries, abuse cases and required security controls before implementation.
- Reviewed JavaScript code and performed black-box tests for authentication, authorisation, injection and rate limiting across 42 scripted cases.
- Delivered a prioritised report with evidence, remediation guidance and retest status; the final build resolved all five high-impact findings.

CTF and AI-Assisted Vulnerability Triage

Independent research project | 2025 - 2026

- Completed 24 CTF challenges across web, Linux, network and cryptography categories and maintained step-by-step notes that reproduced each result.
- Tested an LLM-assisted triage workflow on 50 synthetic findings, measured precision, documented failure modes and required manual evidence before accepting any result.
- Built a Python utility that normalised scanner output and linked each candidate issue to source evidence, owner and verification state.

Education

Bachelor of Computer Science | Example University

Completing December 2026. Relevant study: secure software engineering, operating systems, computer networks, cloud security, applied cryptography, digital forensics and software development.

Availability and requirements

Available for the Sydney 2027 graduate intake and able to commit to an onboarding date by the end of the nominated year. Graduation date: [confirm month and year]. Australian work rights: [confirm status before applying]. Will observe the employer's global two-position application limit.

References

References available upon request.