AJOY A G

SECURITY ENGINEERING | AUTOMATION | WEB & API SECURITY

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ABOUT ME

Security-focused candidate with hands-on experience from industry internships and startup environments. Worked on vulnerability testing, security automation, and real-world assessments across web, API, and endpoint systems. Interested in applying AI to automate repetitive security tasks and improve efficiency while contributing to practical security work with experienced teams.

PROJECT

Tata Electronics | 2025

Security Audit Automation (Active Directory Environment)

- Engineered a script-based automation framework to aggregate system/user state across an AD environment, eliminating manual auditing tasks.
- Integrated retry logic and CSV export for offline analysis, optimizing enterprise-wide security audits and red-team/blue-team workflows.

Mahindra University | 2025

IDOR Vulnerability Disclosure (University ERP)

- Identified and disclosed a critical IDOR vulnerability in the university ERP exposing personal data of 1,000+ students.
- Authored a technical report and SOP adopted as a formal reference for future security audits after collaborating with IT for remediation.

Tata Electronics | 2025

Phishing Awareness Simulation Platform

- Designed and executed an end-to-end phishing simulation campaign, developing realistic email templates and secure landing pages to evaluate organizational vulnerability.
- Analysed user interaction data to identify a 25% click-through rate, subsequently delivering training that reduced phishing susceptibility by 30% in follow-up simulations.

LANGUAGES

Tamil - Native

English - Fluent

Hindi - Fluent

SKILLS

Programming & Scripting
Python, PowerShell, Bash, C, GO

Application/Web Security
OWASP Top 10, IDOR, XSS, Authentication & Authorization

Networking & Systems
TCP/IP, DNS, Active Directory, Linux

Security Tools
Burp Suite, Nmap, Wireshark, Nuclei, SQLmap

Automation & Practices
Security Automation, VAPT, Git, Postman

EDUCATION

Mahindra University | 2023-2027
Bachelor of Technology in Mechatronics
Noticeable Achievement: Discovered and disclosed a critical IDOR vulnerability in the University ERP, exposing personal data of 1,000+ students; authored technical report adopted for future security audits.

Sishya School | 2023
Senior Secondary School

WORK EXPERIENCE

ParvatAI Solutions | Dec 2025 - Present
Junior Security Consultant Intern

- Contributing to security assessments and threat modelling for AI and cloud-based systems.
- Supporting implementation of security controls across applications, APIs, and cloud infrastructure.
- Collaborating with engineering and product teams to embed security into early design and delivery.

Tata Electronics | June - July 2025
Information Security Intern

- Automated audits for 1,000+ endpoints, reducing manual effort by 90%.
- Identified critical IDOR, XSS, and dependency flaws via VAPT.
- Reduced phishing susceptibility by 35% through simulations and monitoring.