

JWALA KUMAR

Cybersecurity Analyst | Secure App Development & Risk Fundamentals

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SUMMARY

Entry-level Cybersecurity Analyst (MCA, Galgotias University, 2026) building on the Google Cybersecurity Professional Certificate — covering the CIA triad, NIST Cybersecurity and Risk Management Frameworks, the CISSP security domains, and SIEM fundamentals — alongside hands-on experience implementing security controls in real, deployed applications: role-based access control, secure authentication, HTTP-only cookies, secrets management, and audit logging. Comfortable translating security concepts into practical safeguards at the application layer.

SKILLS

Security Fundamentals: CIA Triad, Threat/Risk/Vulnerability Identification, NIST Cybersecurity Framework, NIST Risk Management Framework (RMF), CISSP 8 Security Domains, Security Playbooks, SIEM Concepts

Applied Application Security: Role-Based Access Control (RBAC), Authentication & Password Hashing (JWT, bcrypt), HTTP-Only Cookies & Session Security, HTTPS, Secrets & Environment Variable Management, Audit Logging, CORS Configuration

Compliance Awareness: GDPR, PCI DSS, HIPAA, SOC 2 (framework-level)

Programming & Tools: Python, JavaScript, SQL, Git/GitHub, VS Code, Postman

Databases: MySQL, MongoDB, SQLite

RELEVANT EXPERIENCE

Applied Security — AI-Powered Retail Demand Forecasting & Multi-Vendor Marketplace 2025 – 2026
retand-demand-forecasting-ym09.onrender.com

- Implemented role-based access control (RBAC) across three user roles (Admin, Seller, Buyer), enforced at both the UI and API middleware layers to prevent unauthorized access
- Secured user sessions with HTTP-only cookies and hashed credentials, and kept secrets and environment variables out of source control
- Built a system-wide activity log capturing and timestamping every sensitive action (orders, listings, admin actions) to support auditability

Applied Security — InvenFlow Inventory Management System 2025 – 2026
inven-flow-mu.vercel.app

- Designed authenticated RESTful APIs and diagnosed/resolved cross-origin (CORS) misconfigurations between frontend and backend services
- Investigated and fixed DNS/SRV connectivity issues affecting secure production database access

CERTIFICATIONS

- Play It Safe: Manage Security Risks — Google
- Foundations of Cybersecurity — Google

EDUCATION

Master of Computer Applications (MCA) — Galgotias University, 2026

Bachelor of Computer Applications (BCA) — University of Lucknow, 2022

12th (Higher Secondary) — Shaheed Inter College, 2019

10th (High School) — Shaheed Inter College