Entry-Level Cybersecurity Job Titles by Domain

This document provides a list of entry-level work role titles across twelve cybersecurity domains, based on current job market research from major employment platforms and industry sources.

How you will use this list?

Select a work title from this list and add it to the

1. Security Operations Centre (SOC)

Job Title	Description
SOC Analyst Level 1 / Tier 1 SOC Analyst	First line of defence monitoring security alerts, initial triage and escalation
Junior SOC Analyst	Entry point for SOC careers, assisting senior analysts
SOC Trainee	Internship/apprenticeship role for those new to cybersecurity
Security Analyst	Monitors network traffic and identifies suspicious activities
Cybersecurity Analyst I	Entry-level technical and analytical support role
IT Security Analyst (Tier 1)	First responder to alerts from firewalls, IPS/IDS, SIEM
Security Operations Analyst	Frontline defender monitoring alerts and investigating threats

References:

- [ZipRecruiter - Entry Level SOC Analyst Jobs](#)
- [Indeed - Security Operations Center Jobs](#)
- [TealHQ - Security Operations Manager Titles](#)
- [WebAsha - SOC Analysis Job Titles Guide](#)

2. Penetration Testing / Ethical Hacking

Job Title	Description
Junior Penetration Tester	Entry-level role finding vulnerabilities under senior guidance
Associate Penetration Tester	Works on security assessments and penetration tests
Junior Red Cell Penetration Tester	Supports Red Team operations for government/defence

Job Title	Description
Junior Associate - Penetration Testing	Entry point into offensive security consulting
Entry-Level Penetration Tester / Ethical Hacker	Simulates cyberattacks to identify vulnerabilities
Junior Security Consultant	Advises on security with penetration testing responsibilities

References:

- [Indeed - Ethical Hacker Penetration Tester Entry Level Jobs](#)
- [TealHQ - Penetration Tester Job Titles](#)
- [WebAsha - Ethical Hacking Job Titles Guide](#)
- [Glassdoor - Penetration Tester Ethical Hacker Jobs](#)

3. Incident Response

Job Title	Description
Incident Response Analyst (Entry Level)	Investigates and responds to security breaches
Junior Incident Responder	Supports incident handling and documentation
Incident Handler	First responder to security incidents
Cybersecurity Incident Responder	Leads incident response efforts
Computer Security Incident Response Team (CSIRT) Analyst	Works within dedicated response teams
Junior Cyber Defence Incident Responder	Supports defensive cyber operations
Intrusion Analyst	Analyses intrusion attempts and security events

References:

- [CISA - Cyber Defense Incident Responder Work Role](#)
- [Indeed - Entry Level Incident Response Analyst Jobs](#)
- [Cybersecurity Education - Becoming an Incident Responder](#)
- [Nucamp - Entry-Level Cybersecurity Jobs 2026](#)

4. Cloud Security

Job Title	Description
Cloud Security Analyst	Monitors security events in cloud environments
Junior Cloud Security Engineer	Designs and implements security controls in cloud
Cloud Compliance Analyst	Ensures regulatory compliance in cloud environments
Associate Cloud Security Engineer	Entry point for cloud security engineering
Cloud Security Associate	Supports cloud security operations
Jr. Information Security Specialist (Cloud)	Focuses on cloud platform security
Security Analyst I (Cloud Focus)	Entry-level with cloud security responsibilities

References:

- [TealHQ - Cloud Security Engineer Job Titles](#)
- [WebAsha - Cloud Security Job Titles Guide](#)
- [ZipRecruiter - Entry Level Cloud Security Jobs](#)
- [Coursera - Cloud Security Certifications](#)

5. Application Security

Job Title	Description
Junior Application Security Engineer	Assists in identifying and mitigating application vulnerabilities
Junior AppSec Engineer	Entry point for application security careers
Application Security Analyst	Conducts security assessments on applications
Security Analyst (Application Focus)	Monitors and analyses application security
Entry-Level Penetration Tester (Application)	Tests web applications for vulnerabilities
Junior Software Security Engineer	Focuses on secure coding practices
Application Security Compliance Analyst	Ensures applications meet security standards

References:

- [TealHQ - Application Security Engineer Job Titles](#)
- [TealHQ - Application Security Engineer Career Path](#)
- [LinkedIn - Entry Level Security Engineer Jobs](#)

- [Coursera - Cybersecurity Jobs](#)

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6. Governance, Risk and Compliance (GRC)

Job Title	Description
GRC Analyst	Monitors compliance activities and implements security policies
Compliance Analyst	Ensures organisational adherence to regulations
Risk Management Assistant / Risk Analyst	Supports risk assessments and mitigation
Junior GRC Analyst	Entry-level governance, risk and compliance role
Privacy Analyst	Focuses on data protection and privacy compliance
IT GRC Analyst	Technology-focused compliance and risk role
Security Compliance Analyst	Ensures security standards and regulatory compliance
Information Security Analyst (GRC Focus)	Combines security analysis with compliance

References:

- [Cyber Security District - Entry-Level GRC Jobs](#)
- [Sprinto - GRC Cybersecurity Career Roadmap](#)
- [Indeed - GRC Entry Level Jobs](#)
- [Pluralsight - What is a GRC Analyst](#)

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7. Threat Intelligence

Job Title	Description
Junior Threat Intelligence Analyst	Analyses cyber threats under senior guidance
Threat Intelligence Intern	Practical experience in threat analysis
Cyber Intelligence Researcher	Gathers and analyses data on cyber threats
SOC Analyst (Threat Intelligence Focus)	SOC role with threat detection emphasis
Threat Intelligence Coordinator	Handles administrative aspects of threat intel teams
OSINT Analyst	Focuses on open-source intelligence gathering
Intelligence Analyst (Cyber)	Analyses threats affecting information networks

References:

- [TealHQ - Threat Intelligence Analyst Job Titles](#)
- [Indeed - Threat Intelligence Analyst Jobs](#)
- [Pluralsight - Threat Intelligence Analyst Explained](#)
- [LinkedIn - Threat Intelligence Jobs](#)

8. Security Architecture

Note: Security Architecture is typically a senior role requiring 5-10 years of experience. Entry pathways include:

Job Title	Description
Security Analyst	Foundation role for future architecture positions
Network Security Specialist	Focuses on secure network design
Junior Security Engineer	Entry point to security engineering pathway
Security Engineer	Implements security controls and solutions
Systems Administrator (Security Focus)	System administration with security responsibilities
Junior Cybersecurity Engineer	Entry-level engineering role
Associate Security Consultant	Consulting role building architecture skills

Note on Career Pathway: Security Architect roles typically require progression through mid-level positions like Security Engineer, Systems Architect, or Cybersecurity Consultant before transitioning to architecture responsibilities.

References:

- [TealHQ - Cybersecurity Engineer Job Titles](#)
- [DestCert - How to Become a Security Architect](#)
- [Cybersecurity Education - Security Architect Career Guide](#)
- [Cybersecurity Jobs - Security Architect Jobs](#)

9. Digital Forensics

Job Title	Description
Junior Digital Forensics Analyst	Collects and analyses forensic data under supervision
Digital Forensics Examiner 1	Beginning level technical work in evidence analysis
Digital Forensic Technician	Supports forensic investigations
Computer Forensic Analyst	Analyses digital evidence from computers
Cyber Forensic Analyst	Investigates cyber incidents for evidence

Job Title	Description
Junior Forensic Computer Examiner	Entry-level evidence examination role
Digital Forensics Investigator (Entry Level)	Investigates digital crimes and incidents
Incident Response Analyst (DFIR)	Combined forensics and incident response role

References:

- CISA - Cyber Defense Forensics Analyst Work Role
- ZipRecruiter - Entry Level Digital Forensic Jobs
- DFIR Diva - Getting Into DFIR
- CBT Nuggets - Digital Forensics Jobs

10. AI Security

Note: AI Security is an emerging field. Entry roles often combine traditional cybersecurity with AI/ML knowledge:

Job Title	Description
AI Security Analyst	Conducts risk assessments of AI systems
Junior AI/Cyber Security Analyst	Entry-level combining AI and security
AI/ML Security Engineer (Junior)	Develops AI-driven security solutions
Cybersecurity Analyst (AI Focus)	Traditional security with AI tool expertise
Junior AI Security Researcher	Researches AI security threats and countermeasures
Security Analyst (ML/AI Tools)	Uses AI/ML tools for threat detection
AI Cybersecurity Associate	Entry point for AI-focused security careers

References:

- Indeed - Artificial Intelligence Cyber Security Jobs
- ZipRecruiter - Entry Level AI Cyber Security Jobs
- TechTarget - AI Cybersecurity Jobs
- Practical DevSecOps - Building a Career in AI Security

11. Secure Software Development (DevSecOps)

Job Title	Description
DevSecOps Intern	Practical experience integrating security into development
Junior DevSecOps Engineer	Assists with secure CI/CD pipelines
Associate DevSecOps Engineer	Works on foundational security tasks within DevOps
DevSecOps Analyst	Analyses security data and supports tool integration
Junior DevOps Security Engineer	Bridge between development and security
Security Analyst (DevOps)	Security analyst role within DevOps environment
Entry Level Security Automation Engineer	Automates security processes in pipelines
Junior Software Developer (Security Focus)	Development role with security responsibilities

References:

- [TealHQ - DevSecOps Engineer Job Titles](#)
- [Refonte Learning - Getting Into DevSecOps](#)
- [ZipRecruiter - Entry Level DevSecOps Jobs](#)
- [The Enterprisers Project - DevSecOps Jobs](#)

12. Critical National Infrastructure (CNI) / OT Security

Note: OT/ICS security roles are typically not entry-level and often require prior network security or industrial experience. Entry pathways include:

Job Title	Description
OT Cybersecurity Analyst (Entry Level)	Entry point for operational technology security
OT Cyber Security Technician	Junior-level position for OT security integration
Junior ICS Security Analyst	Entry-level industrial control systems security
SCADA Security Analyst (Junior)	Focuses on SCADA system security
Controls Engineer (Security Focus)	Engineering role with OT security responsibilities
Network Security Analyst (OT/Industrial)	Network security with OT/industrial focus
Critical Infrastructure Security Analyst	Protects essential national infrastructure
Associate OT Cybersecurity Specialist	Entry-level OT security specialist role

Common Pathway: Many professionals enter CNI/OT security after gaining experience in network security, IT security analysis, or industrial engineering, then specialising through certifications like GICSP (Global Industrial Cyber Security Professional).

References:

- [Infosec Institute - OT Security Practitioner Careers](#)
- [ZipRecruiter - ICS Cyber Security Jobs](#)
- [Indeed - Entry Level Cyber Security Jobs (OT Technician)](#)
- [NICCS/CISA - Critical Infrastructure Network Security Engineer](#)

Summary: Most Common Entry-Level Titles Across All Domains

The most frequently appearing entry-level job titles across cybersecurity domains are:

1. **Security Analyst / Cybersecurity Analyst** - Universal entry point
2. **SOC Analyst (Tier 1/Level 1)** - Most common first role
3. **Junior [Specialty] Analyst/Engineer** - Domain-specific entry roles
4. **IT Security Specialist** - Broad entry-level title
5. **Associate [Specialty] Analyst** - Consulting and enterprise roles

Recommended Certifications for Entry-Level Roles

Certification	Relevant Domains
CompTIA Security+	All domains - foundational
CompTIA CySA+	SOC, Incident Response, Threat Intel
CEH (Certified Ethical Hacker)	Penetration Testing, Ethical Hacking
GIAC Security Essentials (GSEC)	All domains
AWS/Azure Security Certifications	Cloud Security
GIAC Certified Forensic Analyst (GCFA)	Digital Forensics
GICSP	OT/ICS/CNI Security

Document compiled from job listings and career resources accessed January 2026