

Cybersecurity Domain Infographic - Content Guide

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Create this as a 1-page visual infographic using Canva, Figma, or PowerPoint

SECTION 1: TECHNOLOGY OVERVIEW (Top Section)

Headline:

CYBERSECURITY: PROTECTING THE DIGITAL WORLD

Brief Description:

"Cybersecurity involves protecting computer systems, networks, and data from digital attacks, unauthorized access, and damage. In 2025, with AI-driven threats and cloud computing expansion, cybersecurity professionals are more critical than ever."

Key Statistics:

- 🔒 3.5 Million unfilled cybersecurity jobs globally (2025)
- 📈 35% YoY Growth in cyber attacks
- 💰 ₹10.5 Trillion global cybersecurity market by 2025
- 🎯 Zero Trust - Leading security architecture model

Core Technologies:

• Network Security	
• Penetration Testing	
• Cloud Security (AWS, Azure)	
• Threat Intelligence	
• Security Information & Event Management (SIEM)	
• Identity & Access Management	
• Cryptography	
• Incident Response	

SECTION 2: JOB ROLES & CAREER PATHS (Middle-Left)

Entry Level (0-2 Years)

Security Analyst

- Monitor security systems
- Analyze threats
- **Salary:** ₹3.5-6 LPA

SOC Analyst (Security Operations Center)

- 24/7 security monitoring
- Incident detection
- **Salary:** ₹4-7 LPA

Junior Penetration Tester

- Vulnerability assessment
- Basic ethical hacking
- **Salary:** ₹4-8 LPA

Mid Level (2-5 Years)

Cybersecurity Engineer

- Design security architecture
- Implement security solutions
- **Salary:** ₹8-15 LPA

Penetration Tester

- Advanced vulnerability testing
- Security audits
- **Salary:** ₹10-18 LPA

Security Consultant

- Client advisory
- Risk assessment
- **Salary:** ₹12-20 LPA

Senior Level (5+ Years)

Security Architect

- Enterprise security design
- Strategy development
- **Salary:** ₹20-35 LPA

Chief Information Security Officer (CISO)

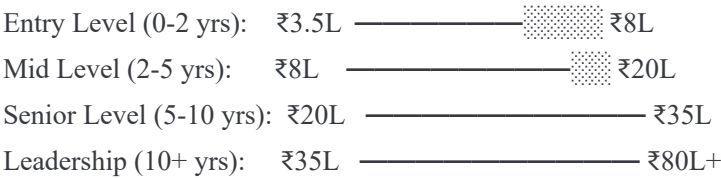
- Leadership role
- Overall security strategy
- **Salary:** ₹35-80 LPA

Threat Intelligence Analyst

- Advanced threat research
- Strategic planning
- **Salary:** ₹18-30 LPA

SECTION 3: SALARY TRENDS IN INDIA (Middle-Right)

Salary Range by Experience



Top Paying Cities (Average Annual)

1. **Bangalore:** ₹12-18 LPA
2. **Hyderabad:** ₹10-16 LPA
3. **Pune:** ₹9-15 LPA
4. **NCR (Delhi/Gurgaon):** ₹11-17 LPA
5. **Mumbai:** ₹10-16 LPA

Skills That Boost Salary

- **+45%:** Cloud Security Certifications
 - **+38%:** CISSP Certification
 - **+32%:** Python/Scripting Skills
 - **+28%:** Incident Response Experience
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SECTION 4: CERTIFICATIONS (Bottom-Left)

🎓 Essential Certifications

CompTIA Security+

- 🕒 Duration: 3-4 months
- 💰 Cost: \$392 (~₹32,000)
- 🎯 Level: Entry
- ✅ Best for: Foundation knowledge

CEH (Certified Ethical Hacker)

- 🕒 Duration: 6 months
- 💰 Cost: \$1,199 (~₹1,00,000)
- 🎯 Level: Intermediate
- ✅ Best for: Penetration testing careers

CISSP (Certified Information Systems Security Professional)

- 🕒 Duration: 12 months
- 💰 Cost: \$749 (~₹62,000)
- 🎯 Level: Advanced
- ✅ Best for: Management roles
- 📋 Requirement: 5 years experience

Additional Valuable Certs:

- OSCP (Offensive Security Certified Professional)
- AWS Certified Security - Specialty

- GIAC Security Essentials (GSEC)
- Certified Cloud Security Professional (CCSP)

Certification Career Path

Start → CompTIA Security+ (6 months)



CEH (2 years)



CISSP (4-5 years)



Specialized Certs (Cloud/Forensics)

SECTION 5: INDIAN STARTUP SPOTLIGHT (Bottom-Right)

 **Featured: CloudSEK**

Company Overview:

- **Founded:** 2015
- **Headquarters:** Bangalore, India
- **Funding:** \$50M+ (Series B)
- **Employees:** 200+

What They Do: CloudSEK is a cybersecurity startup specializing in:

- Digital risk monitoring
- Brand protection
- AI-powered threat intelligence
- Dark web monitoring
- External attack surface management

Technology Stack:

- Artificial Intelligence & Machine Learning
- Natural Language Processing
- Big Data Analytics

- Automated Threat Detection

Impact:

- Protects 500+ enterprises globally
- Monitors 10,000+ dark web sources
- Processes 10 billion events daily
- Clients: Major banks, e-commerce, government

Why It Matters: Demonstrates how Indian cybersecurity startups are competing globally using advanced AI and threat intelligence technologies.

Other Notable Indian Cybersecurity Startups:

- **Lucideus** - Security assessment & training
 - **Kratikal** - Penetration testing services
 - **SecureLayer7** - Web & mobile app security
 - **Sequaretek** - Managed security services
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VISUAL DESIGN ELEMENTS TO INCLUDE

Color Scheme:

- **Primary:** Dark Blue ( #1a237e) - Trust & Security
- **Secondary:** Cyan ( #00bcd4) - Technology
- **Accent:** Orange ( #ff6f00) - Alert/Important
- **Background:** Light Gray ( #f5f5f5)

Icons to Use:

-  Lock/Shield for security
-  Protection symbols
-  Computer/Network icons
-  Charts for salary trends
-  Graduation cap for certifications
-  Rocket for startup section

-  Globe for global reach

Layout Suggestions:

HEADER: Title + Overview + Stats		
Job Roles & Career Paths	Salary Trends & Top Cities	
Certifications Pathway	Indian Startup Spotlight	

CREATION TOOLS

Option 1: Canva (Recommended)

1. Go to canva.com
2. Search "Infographic" template
3. Choose A4 size (8.5" x 11")
4. Use above content and layout
5. Export as PNG (high quality)

Option 2: Figma

1. Create new file (1080 x 1920px)
2. Use frames for sections
3. Add icons from Figma community
4. Export as PNG

Option 3: PowerPoint/Google Slides

1. Single slide design
2. Insert shapes, text boxes, icons
3. Save as PDF, then convert to PNG

QUALITY CHECKLIST

- ☐ All 4 sections clearly visible
- ☐ Text readable at normal size
- ☐ Professional color scheme
- ☐ High-quality icons/graphics
- ☐ Indian startup (CloudSEK) featured
- ☐ Salary figures in INR (₹)
- ☐ Certification links to Assignment Task 4
- ☐ No spelling/grammar errors
- ☐ File saved as: cybersecurity_domain.png
- ☐ Resolution: Minimum 1200x1600 pixels

File Location: infographic/cybersecurity_domain.png **Format:** PNG (High Quality) **Size:** Under 5MB for easy sharing

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