

# Cybersecurity Domain Infographic - Content Guide

Yagyansh Singh Ahlawat (2501010120)

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

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## 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

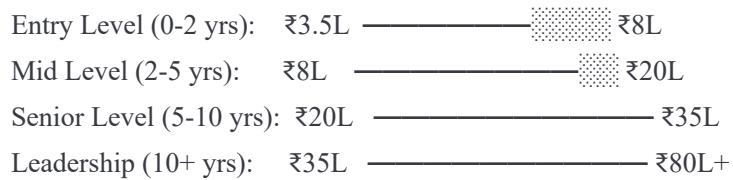
### **Threat Intelligence Analyst**

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

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## **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
  - **Sequretek** - Managed security services
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## **VISUAL DESIGN ELEMENTS TO INCLUDE**

### **Color Scheme:**

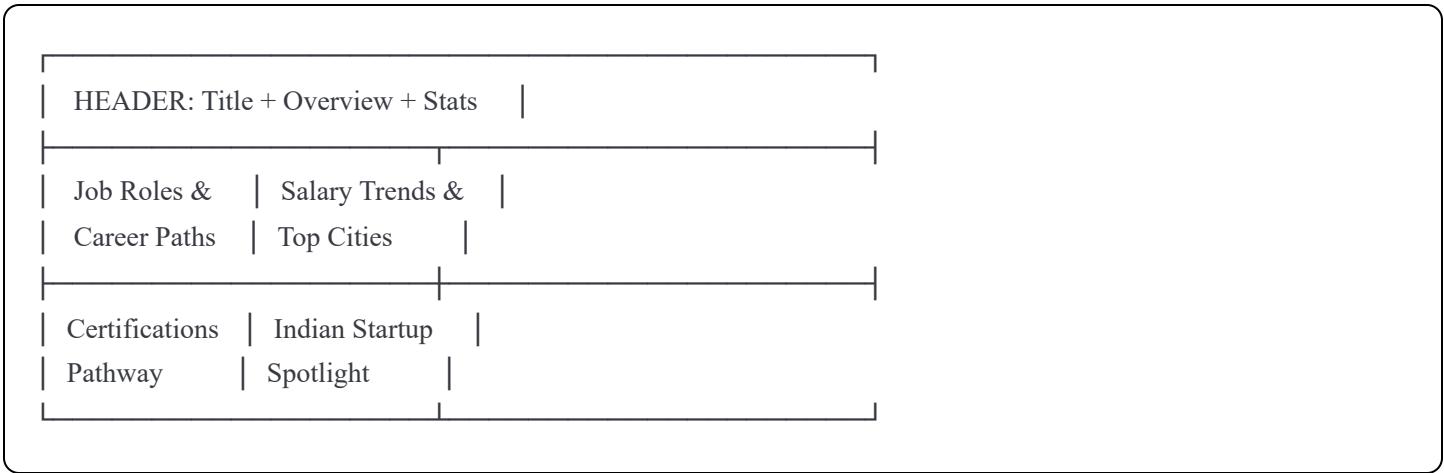
- **Primary:** Dark Blue ( #1a237e) - Trust & Security
- **Secondary:** Cyan ( #00bcd4) - Technology
- **Accent:** Orange ( #ff6f00) - Alert/Important
- **Background:** Light Gray ( #f5f5f5)

### **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:



## CREATION TOOLS

### Option 1: Canva (Recommended)

1. Go to [canva.com](https://www.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
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**File Location:** `infographic/cybersecurity_domain.png` **Format:** PNG (High Quality) **Size:** Under 5MB for easy sharing

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**Student:** Yagyansh Singh Ahlawat (2501010120) **Domain:** Cybersecurity **Created:** November 2025