

Practical 2

Career-Oriented Presentation

Aim

To create a career presentation using slides, transitions, and animations.

Objectives

- To design a multi-slide professional presentation
- To apply transitions and animations

Materials Required

- PowerPoint or Google Slides

Procedure

Open a blank presentation

Launch PowerPoint/Google Slides and select the option to create a new blank presentation. This opens a fresh workspace where you will design your slides.

Create a title slide

Insert a title slide layout and add the presentation title along with your name or subtitle. Ensure the title is clear, readable, and visually centered on the slide.

Add minimum 7 slides

Use the “New Slide” option to insert at least seven additional slides with appropriate layouts. Each slide should focus on a single topic or idea for clarity.

Insert images, icons, and bullet points

Add relevant images and icons to visually support your content. Use bullet points to present information in a structured and easy-to-read format.

Apply a theme

Choose a professional theme from the design options available in the software. The theme will automatically set consistent fonts, colors, and backgrounds.

Add transitions and animations

Apply slide transitions for smooth movement between slides. Add animations to text or images to enhance the presentation without overusing effects.

Output

CAREER IN CYBER SECURITY

PRESENTED BY MUSKAN KASHYAP



ABOUT CYBER SECURITY

Cyber security is the practice of protecting computer systems, networks, and data from malicious attacks, damage, or unauthorized access. It involves using a combination of technologies, processes, and controls to defend against threats like malware, phishing, and ransomware, while also ensuring the confidentiality, integrity, and availability of information. A robust cyber security strategy includes preventing, detecting, and responding to cyber incidents, and it is essential for protecting sensitive data and ensuring business continuity.



WHO'S CYBER SECURITY SPECIALIST

A cybersecurity specialist is a professional who protects computer systems, networks, and data from cyberattacks and other digital threats. They are responsible for implementing security measures like firewalls, monitoring for vulnerabilities, detecting breaches, and responding to security incidents to safeguard an organization's sensitive information.



KEY RESPONSIBILITIES:

✓ **Protecting systems:**

Building firewalls, monitoring for vulnerabilities, and implementing security measures to prevent unauthorized access, theft, or damage.

✓ **Monitoring and detection:**

Constantly monitoring networks and systems for signs of intrusion or attack and investigating security events.

✓ **Risk management:**

Identifying security risks in software and hardware, conducting audits, and advising on how to improve the organization's security posture.

✓ **Incident response:**

Developing and implementing plans to respond to security breaches, which includes closing vulnerabilities and preventing future incidents.

✓ **Testing and auditing:**

Performing penetration tests, vulnerability assessments, and other tests to ensure systems are secure and compliant.

✓ **Education and collaboration:**

Advising and training colleagues on cybersecurity best practices and collaborating with other IT and security personnel



ROAD MAP



SKILLS REQUIRED

- ✓ Communication
- ✓ Teamwork and collaboration
- ✓ Problem-solving
- ✓ Leadership.
- ✓ Adaptability Time management
- ✓ Work ethic
- ✓ Computer skills
- ✓ Technical skills and Project management
- ✓ Digital marketing
- ✓ Interpersonal skills
- ✓ Organizational skills
- ✓ Critical thinking

FUTURE SCOPES

SCOPE OF CYBERSECURITY IS EXPANDING SIGNIFICANTLY DUE TO INCREASING AND MORE COMPLEX THREATS, A RISE IN CONNECTED DEVICES (LIKE IoT), AND THE GROWING USE OF AI. FUTURE OPPORTUNITIES ARE ABUNDANT IN AREAS SUCH AS CLOUD SECURITY, AI-DRIVEN THREAT DETECTION, COMPLIANCE, AND INCIDENT RESPONSE, CREATING A HIGH DEMAND FOR SKILLED PROFESSIONALS ACROSS ALL INDUSTRIES. CAREER PATHS INCLUDE SECURITY ANALYSTS, ETHICAL HACKERS, AND NETWORK SECURITY ENGINEERS, WITH A STRONG EMPHASIS ON CONTINUOUS LEARNING AND SPECIALIZED CERTIFICATIONS.

Cloud Security.
AI and Machine Learning
IoT and Connected Devices
Compliance and Risk Management
Incident Response and Forensics
Data-Centric Security

