**Soft Skill Assignment**

**Module 1**

**Personal Information**

My name is Denish Rathod. I am from Junagadh, Gujrat. I did my Graduation in Bachelor of Computer Application (BCA) from SHREE P.K.M COLLAGE OF TECH. & B. ED, JUNAGADH. Currently I am pursuing a Master Computer Application (MCA) from Parul University, Vadodara.

Throughout my academic journey I have gained in theoretical Knowledge in Hardware, Networking & CCNA.

My strength is Supporter and Passionate.

My hobbies are Travelling.

I'm currently undergoing training in Hardware, Networking & CCNA technology, and it feels like a thrilling adventure Understanding hardware involves learning about computer components like CPUs, memory, and storage devices, as well as network hardware such as routers and switches. Networking focuses on network types, protocols, IP addressing, subnetting, and security. CCNA certification covers Cisco networking basics, routing and switching, network services, and security. Consistent practice, staying updated, and experimentation are key to mastering these fields. Your dedication to this thrilling journey will lead to great success.

● Explain your interest in technology and why you chose this career path.

I have always been fascinated by how technology works and connects the world. My interest in hardware stems from a curiosity about the physical components that make computers function. Networking captivates me because it’s the backbone of our digital communication, and understanding it allows me to connect and secure different systems effectively. Choosing to pursue CCNA certification was a strategic decision to specialize in Cisco technologies, which are crucial in the networking industry. This career path allows me to solve complex problems, innovate, and continually learn, making it both challenging and rewarding

**Module 2**

**● Discuss plans for upgrading your technology skills.**

To upgrade my technology skills in hardware, networking, and CCNA, I plan to take advanced courses and obtain relevant certifications, such as CCNP after completing CCNA. I will regularly engage in hands-on labs and simulations to apply theoretical knowledge in practical scenarios. Additionally, I will stay updated with the latest industry trends and technologies through webinars, tech blogs, and forums. Networking with professionals in the field and participating in tech communities will provide insights and opportunities for continuous learning and growth.

**● Mention any relevant courses, certifications, or resources you are pursuing.**

I'm currently pursuing a Hardware, Networking & CCNA course and working towards obtaining a certification in Network Engineer.

**● Share your approach to continuous learning and professional development.**

My approach to continuous learning and professional development in hardware, networking, and CCNA involves setting clear learning goals and regularly updating them based on industry trends. I dedicate time each week to study new materials, complete online courses, and engage in hands-on labs. I also participate in professional forums, attend webinars, and follow tech blogs to stay informed about the latest advancements. Networking with industry professionals and joining relevant tech communities help me gain diverse insights and practical knowledge. By combining structured learning with real-world practice, I ensure my skills remain current and competitive.

**Module 3: Projects**

**● Describe a key project you have worked on or are currently working on.**

I am currently working on an Intrusion Detection System (IDS) project aimed at enhancing network security for a mid-sized company. The project involves deploying and configuring Snort, an open-source IDS, to monitor network traffic for suspicious activities. I began by designing the network architecture to ensure optimal placement of the IDS sensors for maximum coverage. After configuring Snort, I created custom rules to detect specific threats relevant to the company’s network environment. I also integrated Snort with a Security Information and Event Management (SIEM) system to correlate events and provide comprehensive security monitoring. This project has deepened my understanding of network security, IDS configuration, and the importance of real-time threat detection and response.

**● Explain the technologies used, the scope of the project, and its objectives.**

In the Intrusion Detection System (IDS) project, I used Snort for real-time network traffic analysis and threat detection. The scope of the project included deploying Snort sensors across critical network points, creating custom detection rules, and integrating with a Security Information and Event Management (SIEM) system for comprehensive monitoring. The objectives were to enhance network security by detecting and responding to suspicious activities, minimize false positives, and provide detailed reporting for incident response. This setup aimed to protect the network from intrusions and ensure continuous monitoring for potential threats.

**MODULE-4**

**HR Questions**

**Q1. Outline your career goals and where you see yourself in the next few years.?**

My career goal is to become a proficient network engineer, specializing in cybersecurity. In the next few years, I envision myself advancing to a senior position within a reputable tech firm, leading innovative projects in network security and playing a key role in safeguarding digital infrastructures against evolving threats.

**Q2. Detail the roles and industries you are interested in.?**

I am interested in roles related to network engineering and cybersecurity across various industries such as technology firms, financial institutions, healthcare organizations, and government agencies. My expertise lies in designing, implementing, and managing secure networks, ensuring data integrity and confidentiality.

**Q3. Highlight specific goals or milestones you aim to achieve.?**

One specific goal I aim to achieve in cybersecurity is obtaining industry-recognized certifications such as Certified Information Systems Security Professional (CISSP) and Certified Ethical Hacker (CEH). Additionally, I aim to develop expertise in threat intelligence analysis and incident response, ultimately contributing to strengthening the security posture of organizations I work with.