

# ACADEMIC TASK-2

## CSE121

(ORIENTATION TO COMPUTING-II)

### COMPUTER SCIENCE AND ENGINEERING

Submitted by:

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**Section:** K23SB

**Submitted to :**

**Ms. Sameeksha**



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# **DECLARATION**

I, Pankaj Bashera , a student of Bachelor of Technology under CSE discipline at Lovely Professional University, Punjab, hereby declare that all the information furnished in this project report is based on my own work and is genuine

Pankaj Bashera

Registration Number: 12314197

## MOOC Certificate:



# PROFILE CREATION

## Profile Creation: Cyber Security

|   |           |
|---|-----------|
| List the name of the companies for the profile of Cyber Security Engineer( At least 5 company names are required) |           |
| 1.  | Google    |
| 2.  | Apple     |
| 3.  | LinkedIn  |
| 4.  | Meta      |
| 5.  | Microsoft |

|  |  |
|--|--|
| List the Skills required the profile of Cyber Security Engineer (can add more columns to list more skills) |  |
| 1.   | Programming languages like Python, Java, C++, Powershell, Bash |
| 2.   | Network Security   |
| 3.   | Vulnerability Assessment and Penetration Testing (VAPT)        |
| 4.   | Version Control Systems  |
| 5.   | Encryption Technologies  |
| 6.   | Malware Analysis   |
| 7.   | Incident Response and Forensics                                |
| 8.   | Web Application Security                                       |
| 9.   | Cloud Security   |
| 10.  | Risk Assessment and Management                                 |

|  |   |                                     |  |
|--|---|-------------------------------------|--|
| Companies offering package up to 10 Lac              |   |                                     |  |
| Companies Names: GRM Technologies                    |   |                                     |  |
| Designation:   | Cyber Security Consultant   | Required Industrial Certifications: | Certified Information Systems Security Professional (CISSP),<br>Certified Information Security Manager (CISM),<br>Certified Information Systems Auditor (CISA),<br>CompTIA Security+ |
| Job Link (URL):                                      | <a href="https://www.naukri.com/job-listings-cyber-security-consultant-grm-technologies-chennai-0-to-5-years-140324005314?src=jobsearchDesk&amp;sid=17116433419676873&amp;xp=3&amp;px=1">https://www.naukri.com/job-listings-cyber-security-consultant-grm-technologies-chennai-0-to-5-years-140324005314?src=jobsearchDesk&amp;sid=17116433419676873&amp;xp=3&amp;px=1</a> |                                     |  |
|  |   |                                     |  |
| Companies offering package 10 to 20 Lac              |   |                                     |  |
| Companies Names: PTS Technology Consultancy Services |   |                                     |  |
| Designation:   | Cyber Security Analyst  | Required Industrial Certifications: | CompTIA Security+,<br>Certified Ethical Hacker (CEH),<br>CompTIA Cybersecurity, Analyst (CySA+)  |

|   |   |                                     |   |
|---|---|-------------------------------------|---|
| Job Link (URL):                               | <a href="https://www.naukri.com/job-listings-cyber-security-analyst-hiring-fresher-noida-pts-technology-consultancy-services-noida-uttar-pradesh-0-to-0-years-210324005150?src=jobsearchDesk&amp;sid=17116433419676873&amp;xp=1&amp;px=1">https://www.naukri.com/job-listings-cyber-security-analyst-hiring-fresher-noida-pts-technology-consultancy-services-noida-uttar-pradesh-0-to-0-years-210324005150?src=jobsearchDesk&amp;sid=17116433419676873&amp;xp=1&amp;px=1</a>   |                                     |   |
|   |   |                                     |   |
| Companies offering package 20 to 30 Lac       |   |                                     |   |
| Companies Names: Inspiroz It Services         |   |                                     |   |
| Designation:                                  | Information Security Analyst  | Required Industrial Certifications: | Certified Ethical Hacker (CEH),<br>GIAC Security Essentials (GSEC),<br>Certified Cloud Security Professional (CCSP),<br>Certified Incident Handler (GCIH) |
| Job Link (URL):                               | <a href="https://www.naukri.com/job-listings-information-security-analyst-inspiroz-it-services-navi-mumbai-0-to-2-years-120324008188?src=jobsearchDesk&amp;sid=17116433419676873&amp;xp=5&amp;px=1">https://www.naukri.com/job-listings-information-security-analyst-inspiroz-it-services-navi-mumbai-0-to-2-years-120324008188?src=jobsearchDesk&amp;sid=17116433419676873&amp;xp=5&amp;px=1</a>   |                                     |   |
|   |   |                                     |   |
| Companies offering package 30 Lac or more     |   |                                     |   |
| Companies Names: Spectrum Consulting - London |   |                                     |   |
| Designation:                                  | Cyber Security - Senior Consultant  | Required Industrial Certifications: | Certified Ethical Hacker (CEH),<br>Certified Information Systems Auditor (CISA),<br>Certified Incident Handler (GCIH)                                     |
| Job Link (URL):                               | <a href="https://www.naukri.com/job-listings-cyber-security-senior-consultant-x4-positions-spectrum-consulting-london-hyderabad-chennai-tamil-nadu-bengaluru-4-to-8-years-250324000998?src=jobsearchDesk&amp;sid=17116433419676873_3&amp;xp=1&amp;px=1&amp;nignbevent_src=jobsearchDeskGNB">https://www.naukri.com/job-listings-cyber-security-senior-consultant-x4-positions-spectrum-consulting-london-hyderabad-chennai-tamil-nadu-bengaluru-4-to-8-years-250324000998?src=jobsearchDesk&amp;sid=17116433419676873_3&amp;xp=1&amp;px=1&amp;nignbevent_src=jobsearchDeskGNB</a> |                                     |   |
|   |   |                                     |   |

### Profile Creation: DevOps & Software Engineering

|  |           |
|--|-----------|
| List the name of the companies for the profile of Software Engineer ( At least 5 company names are required) |           |
| 1.   | Google    |
| 2.   | Microsoft |
| 3.   | IBM       |
| 4.   | Amazon    |
| 5.   | Netflix   |

|  |   |
|--|---|
| List the Skills required the profile of Software Engineer (can add more columns to list more skills) |   |
| 1.   | Programming Languages like Python, Swift, Java, C++, Kotlin, Ruby |
| 2.   | Statistics and Mathematics  |
| 3.   | Database Management Systems (DBMS)                                |
| 4.   | Software Engineering  |
| 5.   | Software Development Frameworks and Libraries                     |
| 6.   | Version Control Systems   |
| 7.   | Software Development Lifecycle (SDLC)                             |
| 8.   | Testing and Debugging   |

