ACADEMIC TASK-2 CSE121

(ORIENTATION TO COMPUTING-II)

COMPUTER SCIENCE AND ENGINEERING

Submitted by:

Name: Pankaj Bashera

Registration number: 12314197

Roll No.: RK23SBA04

Section: K23SB

Submitted to:

Ms. Sameeksha



LOVELY PROFESSIONAL UNIVERSITY

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:





THIS CERTIFICATE IS PROUDLY PRESENTED TO

Pankaj Bashera

For successful completion of an online 25 hours Live course titled "Unlocking DSA with C" which was held in between 22nd Feb 2024 to 23rd March 2024. The candidate has met the attendance requirements and has satisfactorily completed all assigned tasks and project.

ISSUE DATE

CSE PATHSHALA

ISSUED BY

CP-20240203-DSA071

CERTIFICATE NO.

FOR VERIFICATION, SEND THE CERTIFICATE NUMBER AT SUPPORT@CSEPATHSHALA.COM

PROFILE CREATION

Profile Creation: Cyber Security

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

List th	List the Skills required the profile of Cyber Security Engineer (can add more columns to		
list mo	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				
Designat	Cyber Security	Required Industrial	Certified Information Systems	
ion:	Consultant	Certifications:	Security Professional (CISSP),	
			Certified Information Security	
			Manager (CISM),	
			Certified Information Systems	
			Auditor (CISA),	
			CompTIA Security+	
Job Link	https://www.naukri.com/job-listings-cyber-security-consultant-grm-technologies-			
(URL):	chennai-0-to-5-years-			
	140324005314?src=jobsearchDesk&sid=17116433419676873&xp=3&px=1			
Companie	s offering package	10 to 20 Lac		
Companie	Companies Names: PTS Technology Consultancy Services			
Designat	Cyber Security	Required Industrial	CompTIA Security+,	
ion:	Analyst	Certifications:	Certified Ethical Hacker (CEH),	
			CompTIA Cybersecurity, Analyst	
			(CySA+)	

Job Link	https://www.naukri.com/job-listings-cyber-security-analyst-hiring-fresher-			
(URL):	noida-pts-technology-consultancy-services-noida-uttar-pradesh-0-to-0-years-			
	210324005150?src=jobsearchDesk&sid=17116433419676873&xp=1&px=1			
Companie	Companies offering package 20 to 30 Lac			
Companie	s Names: Inspiroz	It Services		
Designat	Information	Required Industrial	Certified Ethical Hacker (CEH),	
ion:	Security	Certifications:	GIAC Security Essentials (GSEC),	
	Analyst		Certified Cloud Security	
			Professional (CCSP),	
			Certified Incident Handler (GCIH)	
Job Link	https://www.naukri.com/job-listings-information-security-analyst-inspiroz-it-			
(URL):	services-navi-mumbai-0-to-2-years-			
	<u>120324008188?src=jobsearchDesk&sid=17116433419676873&xp=5&px=1</u>			
	s offering package			
_		n Consulting - London		
Designat	Cyber Security	Required Industrial	Certified Ethical Hacker (CEH),	
ion:	- Senior	Certifications:	Certified Information Systems	
	Consultant		Auditor (CISA),	
			Certified Incident Handler (GCIH)	
Job Link	https://www.naukri.com/job-listings-cyber-security-senior-consultant-x4-positions-			
(URL):	spectrum-consulting-london-hyderabad-chennai-tamil-nadu-bengaluru-4-to-8-years-			
	250324000998?src=jobsearchDesk&sid=17116433419676873 3&xp=1&px=1&nignbe			
	vent src=jobsearchDeskGNB			

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	List the Skills required the profile of Software Engineer (can add more columns to list		
more sl	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		

9.	Continuous Integration and Deployment (CI/CD)
10.	Cloud Technologies

Companie	s offering package up to	10 Lac		
	s Names: Accenture	10 Lac		
Designat ion:	Application Developer	Required Industrial Certifications:	MongoDB Certified Developer Associate, IBM Certified Application Developer - Cloud Solutions v3, Docker Certified Associate	
Job Link	https://www.naukri.com	/job-listings-application-dev	veloper-accenture-solutions-pvt-	
(URL):	ltd-pune-3-to-8-years- 270324911964?src=cluster&sid=17116433419676873 5&xp=5&px=1&nignbevent sr c=jobsearchDeskGNB			
Companie	s offering package 10 to	20 Lac		
	s Names: VSS Technolo			
Designat ion:	AWS DevOps	Required Industrial Certifications:	Microsoft Azure AI Fundamentals, NVIDIA Deep Learning Institute (DLI) Certifications	
Job Link		/job-listings-aws-devops-op		
(URL):	shakthi-technologies-hyderabad-secunderabad-telangana-chennai-tamil-nadu-			
	<u>bangalore-bengaluru-karnataka-0-to-4-years-</u>			
	<u>190324008670?src=jobsearchDesk&sid=17116433419676873</u> 8&xp=1&px=1&nignbe			
	vent src=jobsearchDeskGNB			
Commonio	a offerina needrose 20 to	20 L aa		
	s offering package 20 to s Names: Microsoft	30 Lac		
Designat ion:	Software Engineer	Required Industrial Certifications:	AWS Certified Developer – Associate, Microsoft Certified: Azure Developer Associate, Google Associate Cloud Engineer	
Job Link	https://www.naukri.com	/job-listings-software-engin	eer-microsoft-india-r-and-d-pvt-	
(URL):				