

Model Program Book



SHORT-TERM INTERNSHIP (On-Site/Virtual)

Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**
(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

PROGRAM BOOK FOR
SHORT-TERM INTERNSHIP
(Onsite / Virtual)

Name of the Student: APPIKONDA NAVEEN

Name of the College: MYS.AVN COLLEGE

Registration Number: 120130803009

Period of Internship: From: To:

Name & Address of the Intern Organization CYBER SECURITY

ANDHRA University
YEAR

An Internship Report on
CYBER SECURITY VIRTUAL INTERNSHIP

(Title of the Internship)

Submitted in accordance with the requirement for the degree of
B.Com (Gen) Final year

Under the Faculty Guideship of
BP PRADEEP KUMAR

(Name of the Faculty Guide)

Department of
COMMERCE .AVN Degree college

(Name of the College)

Submitted by:

APPARANTA NAVEEN

(Name of the Student)

Reg.No: 120130803009

Department of
COMMERCE AVN Degree College

(Name of the College)

Student's Declaration

I, APPUKONDA NAVEEN a student of CYBER SECURITY Program, Reg. No. 120130803009 of the Department of B.COM (GEN) College do hereby declare that I have completed the mandatory internship from _____ to _____ in Eduskills Foundation (Name of the intern organization) under the Faculty Guideship of B.P PRADEEP KUMAR (Name of the Faculty Guide), Department of B.COM (GEN), AUN Degree College (Name of the College)

A. Naveen
(Signature and Date)

Official Certification

This is to certify that APPIKONDA NAUFEEN (Name of the student) Reg. No. 120130803009 has completed his/her Internship in EduSkill Foundation (Name of the Intern Organization) on CYBER Security (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of COMMERCE in the Department of AVN Degree College (Name of the College).

This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements


Faculty Guide


Head of the Department


Principal

PRINCIPAL
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM



Certificate from Intern Organization

This is to certify that APPISKONDA NAUEEN (Name of the intern)
Reg. No 120130803009 of AVN Degree College (Name of the
College) underwent internship in ABSCH E.Uskille Internship (Name of the
Intern Organization) from _____ to _____

The overall performance of the intern during his/her internship is found to be
Satisfactory (Satisfactory/Not Satisfactory).

Authorized Signatory with Date and Seal

Acknowledgements

I am glad to tender my thankful Acknowledgement to the APSCHE for giving this wonderful opportunity to us and I am also thankful to the Andhrapradesh university. I sincerely acknowledge my thanks to M. Simhadri Naidu principle of Mrs. AUN College for giving me an opportunity members who have me in this survey project and I would like to thank more to Lt. CDR. MS Prasanna Kumar (HOD) of for motivating me.

I would like to overknowledge my sincere thanks to my mentor Sri. B. Pradeep Kumar for her inspired guidance and suggestions during the process of my project and also. I would like my project. Thank to all the team member for this exceeded to operation

APPIKONDA NAVIEN

120130803009

Contents

- 1) Introduction of cyber security
- 2) overview of the organisation (cyber security)
- 3) Domain designing
- 4) Describe b/w 2.0 and 3.0 application and services
- 5) Describe the Impact governance
- 6) Difference between switches and factor
- 7) Describe the NIST cloud service and development models
- 8) Describe the four SCAP functions
- 9) Describe the XSIAM can be used to
- 10) Describe the SOC threat response major outcomes.

CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have only a one-page executive summary. It shall include five or more Learning Objectives and Outcomes achieved, a brief description of the sector of business and intern organization and summary of all the activities done by the intern during the period.

The years the term cyber security has gained much importance and become a common part of each one's life who is associated with a computer or a smartphones device when people submit their data online, it becomes valuable to cyber attacks or cyber crimes, moreover, which in turn effort the data and cyber attack can happen over an external going DNS Server or an Internal Firewall, which in turn effort the data and Infrastructure within the enterprise that laterally at the associated organization of the cyber security offers safety from the an authorized access or communication the cyber security.

life cycle is classified into various phases this
which white paper sum major the importance
of cyber security how can it achieved and
key points to consider while operating for a cyber
security service provider cyber security
driven business model includes disaster
recovery capabilities and secured data and
the building a safe barrier for information
even before it is attached and saving
the organization from a loss or billions or
dollars that could result from the
security threat.

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

Suggestive contents

- A. Introduction of the Organization
- B. Vision, Mission, and Values of the Organization
- C. Policy of the Organization, in relation to the intern role
- D. Organizational Structure
- E. Roles and responsibilities of the employees in which the intern is placed.
- F. Performance of the Organization in terms of turnover, profits, market reach and market value.
- G. Future Plans of the Organization.

A. Introduction :- The Internet has made the world smaller in many ways but it has opened up to Introduction that have ever before have been so verified and changing one is that the companies that provided cloud computing do that any any do company will be entirely will succeed with latest in cutting edge energy or technology.

B. vision, mission and values of the organization :- It's being protected by internet connection systems, including hardware, software and data from cyber effects in computing content security compromise after cyber effects in physical security.

C. Policy of organizational :- The range of operations of cyber security initiatives protecting information to com and systems from major cyber threats these take many forms.

D. Organizational structure :- Historically organizational and the governments have taken a reactive "product" approach to combating cyber threats by focusing on prevention organizational can prevent cyber threats and from the impeding the network in first plan and less overall cyber security risk to a manageable degree.

E. Roles and Responsibilities :- The main duty of cyber security is to defend a company's system and network from threats this includes looking out impeding the network in first plan.

F. Performance of cyber security :- Management is process of watching your cyber security evaluating your cyber security programs maturity based on top well risk and the associated level of investment and business outcomes.

G. Future plans :- By 2025, 60% of organizational will use cyber security risk as a primary determined in conducting toward party transactions and business engagements.

CHAPTER 3: INTERNSHIP PART

Description of the Activities/Responsibilities in the Intern Organization during Internship, which shall include - details of working conditions, weekly work schedule, equipment used, and tasks performed. This part could end by reflecting on what kind of skills the intern acquired.

As a Cyber Security are responsible for preventing theft, loss, & unauthorized access to your company's hardware software and networks you are expected to perform a variety of cyber security tasks at a company & an organization while a cyber security duties will vary from company to company the following are the roles and responsibility of a security.

- * watch out for security related problem and occurrence in network traffic.
- * Investigation includes and respond quickly in response of events.
- * make detailed incident reaction reports
- * configure and utility frequently encryption program and other security measures
- * make the Greatful Information Security practices available
- * carry out a threat analysis.

Describe the real time technical skills you have acquired
(in terms of the job related skills and hands on Experience)

1. Programming language:- It is a system of notation for writing computer programs. Most programming languages are text-based formal languages, but they may also.
2. Common operating system:- Whether it is a desktop or laptop computer or a smartphone or video game system. Every modern computer needs an operating system that acts as the glue software on computer that sits between applications software and hardware.
3. Software proficiency:- Knowledge of operating system and basic its troubleshooting, knowledge of web browsers and web searching skills, knowledge of project management software, knowledge of communication software, knowledge of email and digital calendar management software.
4. Data Analysis:- The practice of working with data on clean useful information, which can then be used to make informed decisions, it is a capital mistake to theorize before one has data.

Describe the managerial skills you have acquired (in terms of planning, leadership, team work, behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.)

Relationship management also called customer relationship of management (CRM) refers to business process of managing and optimizing interaction with its customers, past, present, future.

- * observe some customers as they move through the buyer journey.
- * segment customer according to their behaviour and buying habits.

Planning:- one main job of manager is creating a plan to meet company goals and objectives this involves allocating employee resources and delegating responsibilities as well as setting realistic and standards.

Critical thinking:- critical thinking is the ability to think clearly and rationally, understanding the logical connection between ideas and Socrates and has continued to be subject of discussion.

Industry knowledge:- Industry knowledge is a term that describe the accumulation of knowledge and awareness of industry.

Describe how you could improve your communication skills (in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.,)

Improve your relationships with workers:-

Just yourself trust your teammates and stand by one another occur & arise show up on your work and do it to best your abilities.

Build connections with customers:- Sent use a one size fits approach, respond to concerns and go above and beyond following up of personal not transactional, focus on to for interactions.

Enhance your professional image:- learn from brands who spoil your customers and discover something new about your customers establish an emotional and connection and engage in authentic conversation and innovate and co-operate with your customers.

Convey your point quickly and clearly:- use simple words to descent complex ideas and be concern and simple curiosity with your words, connect your point with people emotions and proof with people & date back ideas.

Describe how could you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

* Respect the contribution of other speakers :- It Improves your thinking, listen and speaking skills. It also promote your confidence level. It is an effective tool in problem solving decision making personality assessments.

* Acknowledge what your friend interesting :- I am deeply indebted to and would like my Express to deepest appreciate. I would like to express my deepest gratitude to its existing grateful. Endore would not have been possible without words comfort Express my gratitude.

* Think about your contribution before your speak :-

Refers to the practice of condensing your words before you say something & respond to another persons communities when you with think before speaking you take into contribution that our words impact others feelings. stay focused the conversation by avoiding distractions.

Describe the technological developments you have observed and relevant to the subject area of training (focus on digital technologies relevant to your job role)

There are several cyber security development for companies and individual alike it can help you protect your digital asset like email financial data passwords etc.

Relevant to subject are of training:

1. Data protection from authorised access or deletion
2. protecting financial assets.
3. prevention of intellectual property
4. prevention of cyber espionage.
5. prevention of fraud through financial transactions like where transform credit etc -
6. Improve customer confidence
7. Helps in preventing sensitive data loss.
8. protects against malware attacks
9. protects data from theft
10. prevents change to launchware.

Student Self Evaluation of the Short-Term Internship

Student Name: **APPIKONDA NAVEEN** Registration No: **120130803009**

Term of Internship ~~2 months~~ From: **September - 22** To: **November - 2022**

Date of Evaluation:

Organization Name & Address:

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: AFFIKONDA NAVEEN Registration No: 120130803009

Term of Internship: 2 months From: September - 22 To: November - 2022

Date of Evaluation:

Organization Name & Address: cyber security virtual Internship

Name & Address of the Supervisor
with Mobile Number

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

Rating Scale: 1 is lowest and 5 is highest rank

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Supervisor

PHOTOS & VIDEO LINKS

- ⇒ Day 1 - <https://event.webinarjam.com/go/reply/101/8940xip2f84b9zco>
- ⇒ Day 2 - <https://event.webinarjam.com/go/reply/99/60231c97u50h31f6>
- ⇒ Day 3 - <https://event.webinarjam.com/go/reply/101/504xrfylixphoyuv>
- ⇒ Day 4 - <https://event.webinarjam.com/go/reply/101/g2m9xu25u94fr1f6>
- ⇒ Day 5 - <https://event.webinarjam.com/go/reply/99/nyopw81c49c3pci>
- ⇒ Day 6 - <https://event.webinarjam.com/go/reply/101/yg1m7uw6iy1fpofr>
- ⇒ Day 7 - <https://event.webinarjam.com/go/reply/99/yg1m7uw5skwhxqfr>
- ⇒ Day 8 - <https://event.webinarjam.com/go/reply/99/334x239xsg8f1kcs>
- ⇒ Day 9 - <https://event.webinarjam.com/go/reply/101/8940xip2f84b9zco>
- ⇒ Day 10 - <https://event.webinarjam.com/go/reply/99/038rtu91u9959960>



Nation Building Through Skills

Virtual Internship Completion Certificate

This is to certify that

Naveen appikonda

has successfully completed 10 weeks

Cybersecurity Virtual Internship

During Sep - Nov 2022

Supported By



Prof. K. Hemachandra Reddy
Chairman, Andhra Pradesh State
Council of Higher Education

Saravanan Rajagopal
Training Partner Manager, APAC
Palo Alto Networks

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
EduSkills



Certificate ID : 5fd6e4a2c88a9a7f40022f04a941ea99

EVALUATION

- b. Real Time Technical Skills acquired.
- c. Managerial Skills acquired.
- d. Improvement of Communication Skills.
- e. Team Dynamics
- f. Technological Developments recorded.

MARKS STATEMENT
(To be used by the Examiners)

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: APPIKONDA NAWEEN

Programme of Study: CYBER SECURITY

Year of Study: 2022-2023

Group: B.COM IIIrd YEAR (TM)

Register No/H.T. No: 120130803009

Name of the College: MRS. AUN COLLEGE.

University: Andhra University

SLNo	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	
2.	Internship Evaluation	50	
3.	Oral Presentation	25	
	GRAND TOTAL	100	

Date:

Signature of the Faculty Guide

Certified by

Date:

Signature of the Head of the Department/Principal

Seal: