


SEMESTER INTERNSHIP

 BODDU MADHU

Mrs. A.V.N college

720130805278

20-4-23

20-4-23

19-07-2023

ANTAR DOT Pvt. Ltd.

ANTAR DOT Pvt, wing 1, Innovation valley, IT SEZ,

Hill 3, Rushikonda,

Visakhapatnam,

Andhra Pradesh, India - 530048

ANDHRA

University

An Internship Report on

IoT [Embedded Systems]

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

Bachelor of Science

Under the Faculty Guideship of

Dr. MADEEN

(Name of the Faculty Guide)

Department of

Mrs. AUN college

(Name of the College)

Submitted by:

BODDU MADHU

(Name of the Student)

Reg.No: 720130805278

Department of Computer Science

Mrs. A.V.N college

(Name of the College)

Instructions to Students

Please read the detailed Guidelines on Internship hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>

1. It is mandatory for all the students to complete Semester internship either in V Semester or in VI Semester.
2. Every student should identify the organization for internship in consultation with the College Principal/the authorized person nominated by the Principal.
3. Report to the intern organization as per the schedule given by the College. You must make your own arrangements for transportation to reach the organization.
4. You should maintain punctuality in attending the internship. Daily attendance is compulsory.
5. You are expected to learn about the organization, policies, procedures, and processes by interacting with the people working in the organization and by consulting the supervisor attached to the interns.
6. While you are attending the internship, follow the rules and regulations of the intern organization.
7. While in the intern organization, always wear your College Identity Card.
8. If your College has a prescribed dress as uniform, wear the uniform daily, as you attend to your assigned duties.
9. You will be assigned a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow interns. Post your daily activity done and/or any difficulty you encounter during the internship.
10. Identify five or more learning objectives in consultation with your Faculty Guide. These learning objectives can address:
 - a. Data and Information you are expected to collect about the organization and/or industry.
 - b. Job Skills you are expected to acquire.
 - c. Development of professional competencies that lead to future career success.
11. Practice professional communication skills with team members, co-interns, and your supervisor. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
12. Be aware of the communication culture in your work environment. Follow up and communicate regularly with your supervisor to provide updates on your progress with work assignments.

Student's Declaration

I, B. Madhu MADHU a student of Bachelor of Science
Program Reg. No. 20230502028 of the Department of Computer Science
College do hereby declare that I have completed the mandatory internship
from 20/04/2023 to 17/07/2023 in ANTAR DOT (Name of
the intern organization) under the Faculty Guideship of
D. Srithash Kumar (Name of the Faculty Guide), Department of
Computer Science, Mrs. A.V.N College
(Name of the College)

B. Madhu
(Signature and Date)

Certificate from Intern Organization

This is to certify that MS Boddu Madhu (Name of the intern)
Reg. No 720130805978 of Mrs. AV.N college (Name of the
College) underwent internship in ANTAR IOT (Name of the
Intern Organization) from 20-04-23 to 19-07-23

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


19/07/23
Authorized Signatory with Date and Seal



ANTAR IoT PRIVATE LIMITED

Registered Address :
ANTAR IoT Private Limited,
#311, Plot No. 32-34&39-40, KTC,
ILLUMINATION, Galfloor Nagar,
Madhapur, Hyderabad, Telangana,
India 509081



Branch Address :
ANTAR IoT Pvt Ltd, Wing 1, Innovation
Valley, IT SEZ, Hill 3, Rushikonda,
Visakhapatnam, Andhra Pradesh, India
530048. Mail Id: sales@antariot.com
Phone No. : +919618049898

Date: 18th July 2023,
Visakhapatnam.

TO WHOMEVER IT MAY CONCERN

This is to certify that **Ms. BODDU MADHU - Reg no: 720130805278** a student of Mrs. A.V.N College, Visakhapatnam has successfully completed the **3 Months of Internship** from **20th April 2023 to 19th July 2023** on IoT (Embedded Development) at ANTAR IoT Pvt.Ltd. During the period of her Internship programme with us she was found punctual, hardworking and innovative.

Regards,

Jaswanth B,
Sr.Engineer IIoT,
ANTAR IoT Pvt.Ltd,
Visakhapatnam.


19/07/23
Authorized Signature


Anything. Anywhere. Stay Connected!

Mail Id : sales@antariot.com | Web : <https://www.antariot.com/>

Acknowledgements

I am glad to render my thankful acknowledgement to the APSCHE for giving this wonderful opportunity to us and I'm also thankful to the ~~ANDHRA~~ university.

I sincerely acknowledge to principal of Mrs. A.V.N college for giving me an opportunity to work on this internship programme.

I take to this opportunity to express my work on this internship programme and also I would like to thank Mr D. Santhosh Kumar, head of the department Computer science for motivating me.

I would like to acknowledge my sincere thanks to my internship company ~~ANTAR~~ IoT for giving me the opportunity to do my internship.

Last but not least, I thank one and all who have contributed this part in helping me in my Endeavour to accomplish for object of the internship project.

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CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have a brief 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.

During my internship at ANTAR IoT, I had five key learning objectives and achieved outcomes.

Embedded Systems development :- my first objective was to develop proficiency in Embedded systems development. By working on firmware development projects and collaborating with hardware Engineers I learn to design, implement & debug Embedded systems.

IoT Technology and Ecosystems:- Another objective is to gain a comprehensive understanding of IoT technology within the ANTAR IoT Ecosystem.

Through hands-on projects and mentorship I Successfully grasped the fundamental concepts of IoT.

In conclusion, my internship at ANTAR IoT was a rewarding experience, as I achieved all of my learning objectives. I am now equipped with practical knowledge in IoT technology, Embedded systems, data analysis, project management, and technical documentation. These outcomes have significantly contributed to my professional growth and prepared me for a successful career in field of IoT.

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.

Introduction of the organization :-

ANTAR IOT is a technology company specializing in the internet of things and next-generation technologies. ANTAR design, develop and manufacture a range of secure, high quality technologically advanced smart products which are very easy to use and results in delightful customer experience.

Vision, Mission and values of the organization:

Vision :- To provide innovative smart products that our customers would prefer and love using results in delightful customer experience and beneficial to the society.

Mission :- They design, develop, manufacture, cost effective smart products that are simple, secure, easy to use and relevant - leveraging our IP in IOT space to make more convenient for people

Values :- customer delight, quality, integrity.