

An Internship Report on

software developers

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of
Under the Faculty Guide ship of

A. pavitra

(Name of the Faculty Guide)

Department of

B.Sc (MPCS) GDC Nagasumapeta

(Name of the College)

Submitted by

Pobalci. vamsi

(Name of the Student)

Reg. No

2122004050017

Department of

computer science

(Name of the College)

GDC Nagasumapeta

SHORT- TERM INTERNSHIP

Name of the Student: polaki, vamsi

Name of the College: GDC NATASANNA PETA

Registration Number: 2222004050017

Period of internship: 2 Months / Short term From: 01/05/2024 To: 30/06/2024

Name & Address of the Intern Organization: CMS LABORATORIES INDIA PRIVATE LIMITED, # 47-10-50, 3rd Floor, Above Union Bank, 4th Lane, Dwaraka Nagar, Visakhapatnam -530 016.

Andhra University

2023-2024

Student's Declaration

I, AM. P. Vamsi a student of BSC (MPCS)
Program, Reg. No. 2222004050017 of the Department of computer science
College do hereby declare that I have completed the B.Sc (MPCS) (Group)
Mandatory Internship from 01/05/2024 to 30/06/2024 in
CMS LABORATORIES INDIA PRIVATE LIMITED under the Faculty
Guideship of A. pavitra (Name of the Faculty
Guide), Department of computer science, (Name of the College)
G.Dc Natasannapeta.

P. Vamsi
(Signature and Date)

Official Certification

This is to certify that P. Vamsi
(Name of the student) 222004050017 Reg. No. has completed
his/her Internship in CMS LABORATORIES INDIA PRIVATE
LIMITED on software development (title of the internship) under my
supervision as a part of partial fulfillment of the Requirement for the
Degree of B.Sc (MPCs) (Group), G.D.C NARASANNAPETA
(Name of the College).

This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements

Faculty Guide Dr. Shanthi Hanu

Head of the Department


Principal 
PRINCIPAL
GOVT. DEGREE COLLEGE
NARASANNAPETA-532 421
Srikakulam Dist.

Certificate from Intern Organization

This is to certify that P. vamsi

(Name of the Student) 2222004050017 (Reg. No), GDC Netasanna Peta

_____ (Name of the College) underwent internship
in CMS LABORATORIES INDIA PRIVATE LIMITED from 01/05/2024 to
30/06/2024

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

7-4

Authorized Signatory with Date and Seal

CMS LABORATORIES INDIA PVT. LTD.
Plot No- 121-C Floor No:3, Mohan Mansion,
Dwarakanagar, Visakhapatnam (Urban),
Visakhapatnam- 530016, Andhra Pradesh
CIN :U78300AP2024PTC113667

Acknowledgements

It gives me an immense pleasure and pride to express my sincere gratitude and respect for my teacher, internship supervisor and guide A. Pavithra, for his expert and inspiring guidance and support throughout my internship.

Also, I am very grateful to the Head of the Department of P. Jothinadha Rao, and the other faculty members of the computer Department for being a source of support during this project period.

I would like to extend my gratitude to my **Principal Sir** Dr. P. Iatha for providing me all the necessary facilities that were required for successful completion of this internship.

I also thank **CMS LABORATORIES INDIA PRIVATE LIMITED** Visakhapatnam, for providing internship opportunity.

My special thanks to the **Managing Director, G. Jagadeeswara Rao**, for his constant support, encouragement and timely advice.

I'm deeply grateful to my internship trainers, for their invaluable guidance and support. From the moment I started, they took time to get me know the importance of various skills and understand my goals for the internship. Their constructive feedback helped me to improve my skills in which I have interest and approach my tasks with great enthusiasm.

CONTENTS

S.No	NAME OF THE CONTENT	Page No
1.	WHAT IS INTERNSHIP?	1
2.	CHAPTER – 1 : EXECUTIVE SUMMARY <ul style="list-style-type: none"> • Learning objectives • Learning outcomes • Description of intern organization • Description of the course 	3-8 5 7
3.	CHAPTER – 2 : OVERVIEW OF THE ORGANIZATION <ul style="list-style-type: none"> • Introduction of the organization • Policy of the organization • Organogram of CMS 	9-14 11 13
4.	CHAPTER – 3 : DESCRIPTION OF THE ACTIVITIES <p>Weekly report-1 Activity log for the first week</p> <p>Weekly report-2 Activity log for the second week</p> <p>Weekly report-3 Activity log for the third week</p> <p>Weekly report-4 Activity log for the fourth week</p> <p>Weekly report-5 Activity log for the fifth week</p> <p>Weekly report-6 Activity log for the sixth week</p> <p>Weekly report-7 Activity log for the sixth week</p> <p>Weekly report-8 Activity log for the sixth week</p>	15-24 17 18 25-32 26 33-40 34 41-47 42 49-56 50 57-64 58 65-72 66 73-80 74
5.	Evaluation	

WHAT IS INTERNSHIP?

Internship is an integral platform for anyone to gain experience in the actual work place. Thus, Internship is a good opportunity for students to learn, to gain experience and also to make preparations. Men learn through experience and real life is full of different kinds of experiences. We will encounter many difficulties and obstacles and with experiences we are expected to be able to encourage and complete the process. Experience in my eyes is a very valuable thing in life because we need to be brave in taking risks.

It is also not something that we simply create, but we need to undergo through it. By doing my internship in an actual work environment, it helps me to know and discover myself from different angles. It also helps me to control and develop my attitude towards dealing with different kinds of people and situations. I have decided to take the internship course to grab the golden opportunity to apply theoretical knowledge that I have in a real working environment. Through college, I learned about theories but doing an internship, I learned a practical approach on dealing with the real world. Even though it was not that much, it still has profound results in some aspects of my life. In some ways, through internship, I also have learned that I am still lacking as an individual and employee. Internship helps me to identify my weaknesses and also my strengths. "Experience without theory is blind, but theory without experience is mere intellectual play". The other reason why I choose to take the internship as preparation for more challenging work environment and situation. Our life in college is incomparable with real working experience. A working life is very challenging as it requires great effort, commitment and abilities; those are something that I need to be prepared and trained to. Apart from that, I really want to gain professional experience and skills by taking the internship course. At the same time, I also want to improve my communication skills and ability to interact with people. I realize that by being part of society, I will need to meet different people around the office and I will have to communicate with them to settle their needs. Undergoing internship also helps to make me learn on how to work in a systematic organization. It helps me to learn how to be independent in accomplishing my tasks.

CHAPTER – 1

(EXECUTIVE SUMMARY)

1.1 LEARNING OBJECTIVES:

- * Learning full stack development involves mastering both front-end (HTML, CSS, JavaScript, frameworks like React) and back-end (Server Side programming, databases, APIs) technologies.
- * Soft skills like communication and problem-solving are crucial, along with continuous learning to adapt to evolving technologies and practices.

1.2 OUTCOMES ACHIEVED

- * full stack development enables the creation of comprehensive web applications, integrating front-end user interfaces with back-end server logic and databases.
- * Developers gain proficiency in HTML, CSS, JavaScript, and popular frameworks like React or Angular for dynamic and responsive UIs.
- * Proficiency in version control (e.g., Git), deployment to cloud platform (AWS, Azure), and implementing CI/CD pipelines ensure efficient software delivery.

1.3 INTERN ORGANIZATION:

CMS LABORATORIES INDIA PRIVATE LIMITED is a partnership company established in 2017 which is accredited and affiliated by SSC under non PMKVY with a motto of pharmaceutical skill development with placement linked training programs. After providing training on various courses comes under Pharmaceuticals are Chemist Production (pharma, cosmetics and biologics)-V2- API/Bulk drug, Production Machine Operator Active Pharmaceutical Ingredient (API)/Bulk drug V3-non sterile manufacturing, Lab technician- research and quality control-V2 Wet lab ,Assistant manufacturing and packaging (pharma, biologics and medical devices)_V3. Courses offered as part of IT & ITeS are BPO(voice/non voice), Customer Care Executive(CCE), Tech Support Engineering. Courses offered for Engineering background are Robotics, Embedded systems, AutoCAD, Cloud Technologies. Skill training CMS will validate and furnish certificate from Life Science Sector Skill Development Council (LSSSDC). More than 2780 trainers are working in various pharmaceutical companies across PAN India. To present skilled man power to pharmaceutical industry along with certification as manufacturing assistants.

1.4 DESCRIPTION OF COURSE:

CHAPTER – 2

(OVERVIEW OF THE ORGANIZATION)

DESCRIPTION OF COURSE

- * HTML and CSS courses provide fundamental knowledge for web development. HTML (Hyper text markup Language) is used to structure content on web pages, defining elements such as heading, paragraphs, links, and images. CSS (Cascading Style sheets) complements HTML by controlling the visual presentation of these elements, including layout, colour, fonts, and spacing.
- * Courses typically start with HTML basics including syntax, semantic elements, and best practices for accessibility. Students learn how to create well-structured documents that are both readable by humans and interpretable by browser.
- * CSS courses cover selector, properties, and values to style HTML elements effectively. Topics include inline, Internal, and external CSS, along with CSS specificity and inheritance principles. Students employ responsive design techniques to ensure websites adapt to different screen sizes and devices.

INTRODUCTION OF THE ORGANIZATION:

About CMS LABORATORIES INDIA PRIVATE LIMITED Empowering Youth for a Brighter Future.

At CMS LABORATORIES INDIA PRIVATE LIMITED, we're on a mission to transform lives through skill development. Our vision is to create robust and high-quality institutions that cater to the diverse needs of individuals, helping them reach their goals and aspirations. We believe in providing unwavering support, with a focus on quality assurance, information systems, and comprehensive training programs aimed at empowering unemployed youth to secure a better life.

Our Approach:

Bridging the Gap between Academics & Industries:

We're committed to closing the gap between Academics & Industries by developing the skills of unemployed youth and connecting them with opportunities in the private sector.

Our Strengths:

Empowering Potential and Unleashing strengths, crafting success. CMS Skill Center fosters determination and resilience in young minds. We turn interests into stepping stones on the path to triumph. Your journey to success starts here.

Certification for Excellence:

Founded in 2017, CMS is a partnership company dedicated to Pharmaceutical Skill Development with Placement-Linked Training Programs. We offer a range of certified courses including Manufacturing Assistant, Production Chemist, Production Machine Operator, Lab Technician, Industrial Electrician and Solar PV Installer.

Industry-Aligned Training:

After completing our skill training programs, CMS provides certification recognized by the Life Science Sector Skill Development Council (LSSSDC), ensuring that our graduates are industry-ready.

Impactful Results:

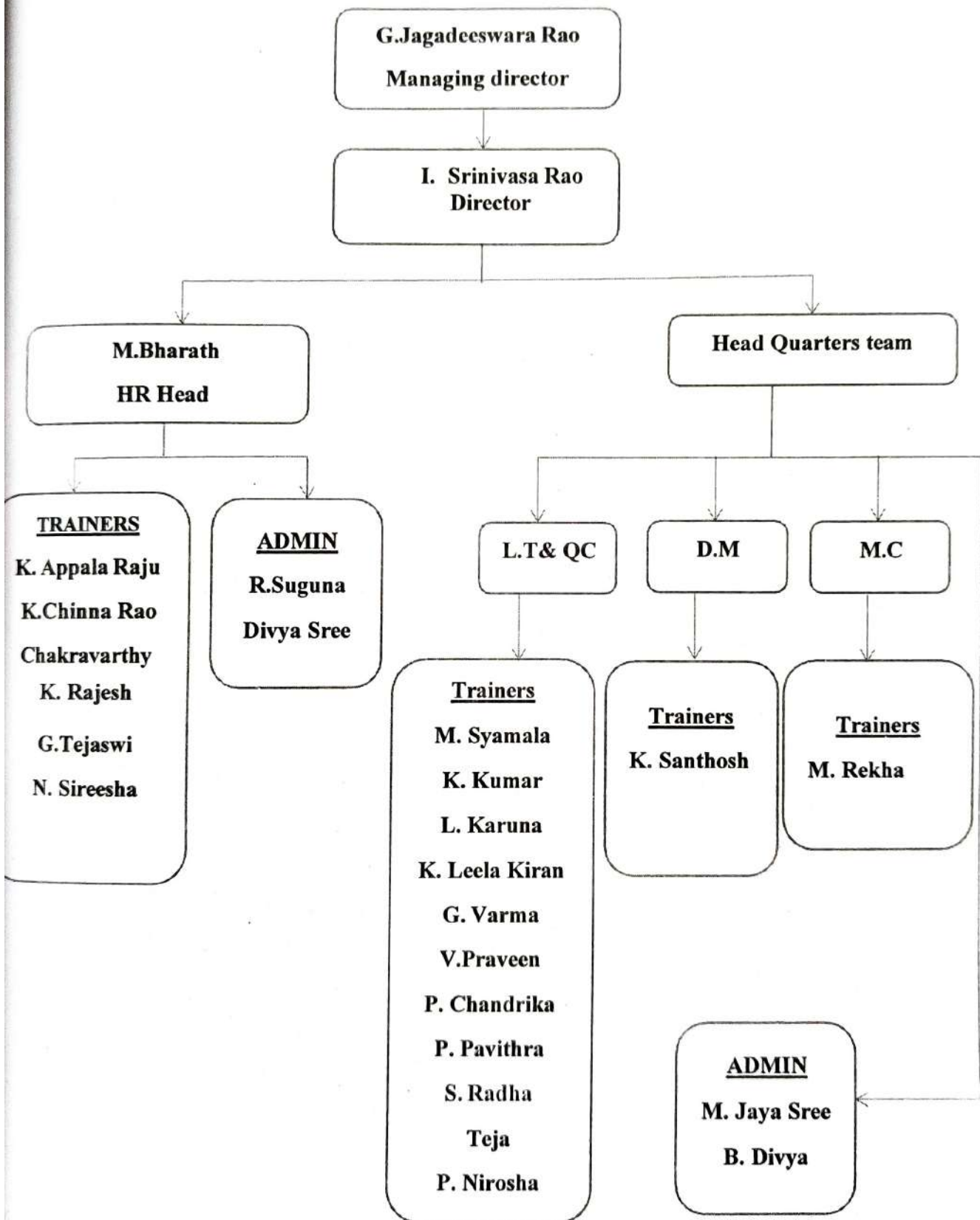
With over 5289 trainees now gainfully employed in various Pharmaceutical Companies across India, we take pride in our track record of making a significant difference in the lives of our graduates.

Corporate Social Responsibility (CSR) Commitment:

As part of our Corporate Social Responsibility (CSR) initiative in collaboration with SDI Visakhapatnam (a group of Public Sector Oil Companies), we are dedicated to enhancing the employability and prospects of youth across the nation.

Join us on our journey to empower the youth, build a skilled workforce, and create a brighter future. At CMS Skill Center, we believe that every individual deserves a chance to shine, and we're here to make it happen.

ORGANOGRAM OF CMS:



WEEKLY REPORT-1

OBJECTIVE OF THE ACTIVITY:

- * TO understand the operating system
- * TO speculate the front end developers
- * TO understand the back end developer
- * TO understand the full stack developer

DETAILED REPORT:

operating system: An OS is system software that manages hardware resources, applications, and provides a user interface, common examples include Windows, macOS, and Linux.

Application software: Application software includes programs and applications that perform specific tasks such as word processing (Microsoft Word), spreadsheet calculation & web browsing.

: word processors: Microsoft Excel, Google Docs

: spreadsheets: Microsoft Excel, Google Sheets

ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	DESCRIPTION OF THE ACTIVITY	LEARNING OUTCOMES	PERSON IN-CHARGE SIGNATURE
DAY-1	operating system and their types	understood about the operating system.	
DAY-2	Introducing of front end developers	Aware on front end developer.	
DAY-3	Introducing of back end developer	know about the back end developer and their role.	
DAY-4	Introducing to full stack developer	understood the full stack developer importance	
DAY-5	Intenduction to role of full stack developer	understood the role full stack developer	
DAY-6	Revision and send	Done overall activity of the week.	

Type of Links :

1. Anchor <a> Tag :

The primary HTML element used for creating links is the <a> (anchor) tag.

Syntax : Link text

* href : Specifies the destination URL & the location to which the link points.

2. Relative vs Absolute URLs :

Relative URL : specifies the path of the destination relative to the current location.

* Example : About us

Absolute URL : provide the complete web address including the protocol used for linking to external web-sites.

Linking Sections within a page :

html

 Go to Section

<!-- ... -->

<Section id = "Section-id">

<h2> Section Title </h2>

<p> Section content goes here. </p>
</section>

Linking Images :

* Images can also be used as links by wrapping them in an <a> tag.

html

```
<a href = "page.html"><img src = "image.jpg" alt = "description" /></a>
```

Linking Email addresses :

* use the mailto: protocol to create links that open the user's email client with a pre-filled email address.

html

```
<!DOCTYPE html>
```

```
<html lang = "en">
```

```
<head>
```

```
<meta charset = "UTF-8">
```

```
<meta name = "viewport" content = "width = device-width, initial-scale = 1.0">
```

```
<title> HTML Links Example </title>
```

```
</head>
```

```
<body>
```

```
<h1> Links Example </h1>
```

Student Self Evaluation of the Short-Term Internship

Student Name: Polaki. Vamsi

Registration No: 2222004050017

Term of Internship: 2 Months From: 01/05/2024 To: 30/06/2024

Date of Evaluation: 26/07/2024

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

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

Date:

P. Vamsi
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: P VAMS

Registration No. 2222004050017

Term of Internship: 2 months / short term

From: 01/05/24 To: 30/06/2024

Date of Evaluation: 26/07/2024

Organization Name & Address: CMS Laboratories India Private Limited

47-10-50 3rd Floor, Above Union Bank, 4th Lane, Dwaraka Nagar,
Name & Address of the Supervisor with Mobile Number: Visakha pathnam - 530

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

Rating Scale: 1 is lowest and 5 is highest rank

1	Oral communication	✓	2	3	4	5
2	Written communication	1	2✓	3	4	5
3	Proactiveness	1	2	3✓	4	5
4	Interaction ability	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 course	1	2	3	4	5✓
14	Achievement of Desired Outcomes	1	2✓	3	4	5
15	Regularity	1	2	3✓	4	5
16	OVERALL PERFORMANCE	1✓	2	3	4	5

Date: 26/7/2024

Signature of the Supervisor

INTERNAL ASSESSMENT STATEMENT

Name of the Student: P. Vamsi
Program of Study: BSc (MPCS)
Year of Study: V SEM (IIIrd year)
Group: BSc (MPCS)
Register No/H.T. No: 2222004050017
Name of the College: GDC. Nallasamapeta
University: B.R. Ambedkar

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	10	10
2.	Internship Evaluation	30	30
3.	Oral Presentation	10	10
	GRAND TOTAL	50	50

Date:


Signature of the Faculty Guide

EXTERNAL ASSESSMENT STATEMENT


Name of the Student: P. Vamsi
Program of Study: B.Sc (MPCS)
Year of Study: V SEM (IIIrd year)
Group: B.Sc (MPCS)
Register No/H.T. No: 2222004050017
Name of the College: G.D.C Narasannapeta
University: B. R. Ambedkar.

Sl. No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Internship Evaluation	80	70
2.	For the grading giving by the Supervisor of the Intern Organization	20	20
3.	Viva-Voce	50	50
	TOTAL	150	140
GRAND TOTAL (EXT. 50 M + INT. 100M)		200	190


Signature of the Faculty Guide


Signature of the Internal Expert

M. Nirosha
Signature of the External Expert


Signature of the Principal with Seal
PRINCIPAL
GOVT. DEGREE COLLEGE
NARASANNAPETA-532421
Srikakulam Dist.