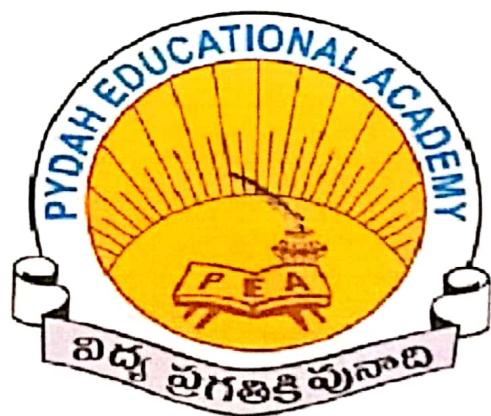


PYDAH DEGREE COLLEGE



**PROGRAM BOOK FOR
SEMESTER INTERNSHIP**

Name of the Student: Bramidula Sai Eswar Kumar

Name of the Coll: Rydah Degree College.

Registration Number: 720131705020

Period of Internship: From: 29/05/23 To: 04/08/23.

Name & Address of the Intern Organization

Andhra UNIVERSITY

An Internship Report on

Front END WEB DEVELOPER

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of
B.Sc CHEMISTRY

Under the Faculty Guideship of

K.S.U. Phonindra Kumar

(Name of the Faculty Guide)

Department of

CHEMISTRY

(Name of the College)

Submitted by:

PRAMIDULA SAI ESWAR KUMAR

(Name of the Student)

Reg.No: 720131705020

Department of CHEMISTRY

P YDAH DEGREE COLLEGE

(Name of the College)

Student's Declaration

I, Pramodha Sai Eswarkumar a student of B.Sc. _____
Program, Reg. No. 720131705020 of the Department of Chemistry.
College do hereby declare that I have completed the mandatory internship
from 29/5/23 to 04/08/23 in Smart Intergr (Name of the
intern organization) under the Faculty Guideship of
K.S.U. Phanindra Kumar (Name of the Faculty Guide), Department of
Chemistry, Fydah Degree Collg.
(Name of the College)

(Signature and Date)

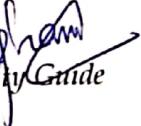
Official Certification

This is to certify that Pramudula Sai Eswar Kumar (Name of the student) Reg. No. 2013170500 has completed his/her Internship in Softk Interz. (Name of the Intern Organization) on Front end Web Developer (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of B.Sc in the Department of CHEMISTRY PYDAH DEGREE COLLEGE (Name of the College).

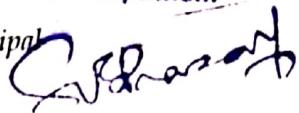
This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements


Faculty Guide


Head of the Department
Computer Science
Pydah College
Visakhapatnam


Principal

Certificate from Intern Organization

This is to certify that Pranidha Sai Eswar Kumar (Name of the intern) Reg. No 720131705020 of Fyda Degree College (Name of the College) underwent internship in Frontend Web Development (Name of the Intern Organization) from 29/05/23 to 04/06/23.

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

The satisfaction that accompanies the successful completion of any task would be incomplete without mention of the people, who made it possible where constant guidance and encouragement crowned our efforts. I take this opportunity to express my deepest gratitude and appreciation to all those who have helped me directly & indirectly towards the successful completion of this project. I take this opportunity to thank our principal Mr. S.V.S Prasad for providing all sorts of heartfelt thanks to DIKKALA SATEESH, Nodal officer, and team for giving us facilities to carry out my project. It is great pleasure in expressing deep sense of gratitude and admiration to our project mentor, G. VENKAT lecturer in computer for our project for her valuable guidance & thought-provoking discussion through the course of the project. Finally, I am thankful to all our friends who have helped me in some way or the other in getting through the completion of this project well.

Contents

S.NO	Topic
1.	Executive Summary
2.	Overview of the Organization.
3.	Internship Part
4.	Outcomes Description
5.	Technical Skills
6.	Managerial Skills
7.	Improve Your Communication Skills.
8.	Group discussions.
9.	Technical Development
10.	Self evaluation.
11.	Supervisor Evaluation.
12.	Internal Assessment Statement.
13.	External Assessment Statement.

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.

Summarize the body of the report, outlining its scope, key points of the analytical part, highlighting the key conclusion and recommendation.

Explains your journey of learning and gaining work experience during the internship period at an organization/company. make sure to include a brief introduction, professional experience, skills & qualifications, career goals and objectives and a conclusion.

Technical and professional skills you learned and developed. Highlight our main accomplishment you had during the internship.

The key to a successful internship is to have the opportunity to participate in meaningful assignments that allow the intern to meaningful work assignments that through practice by working under a mentor who takes an active and supervision.

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 of the organization:

An experimental learning & Remote internship platform to bring academia & industry very close for a common goal of talent creation.

B. Vision, mission and values of the organization

Offers suitable skill deployment and training to the young talent before on boarding their first job to help students develop skills such as research and writing, legal analysis, interviewing and, gathering, organization and communication of facts.

C. Policy of the organization in relation to the intern role

You may find a position and company that you wish to work for in the future provides the strategy implementation and support to bring your digital agenda to reality.

D. Organization structure:

- Embedded microcontroller
- morphing structures
- Autonom control
- self-healing structure
- intelligent structure
- energy harvesting
- structural health monitoring (SHM)
- nondestructive evolition (NDE)
- self-sensing structure
- rain sensor

E. Roles & Responsibilities of the employee in which the interplay is planned

Discuss progress and change in discussion & topics relevant the operation and philosophical perspective of the office and functional area in general

Performance of the organization in term of turnover, profits, market reach and market value	Competitor rank	Revenue	Number of Employee
1. mentor mind	8	1.6m	24
2. EKstep foundation	8	2.8m	38
3. Auxilim Corporation	8	9.7m	105

G. Future plans of the organization.

A strategic plan is a vision of your organization future and the basic steps required to achieve that meaning your program, timeline and budgets.

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.

Intern job duties vary by industry, but their common responsibilities include learning and becoming proficient in software, completing tasks assigned by their supervisor and attending meetings where they take notes.

Working conditions are at the core of paid work and employment relationships (especially speaking), including condition over abroad enough of work, rest periods, and work schedules to remuneration, as well as the physical condition and mental demands that exist in the workplace.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-charge Signature
Day - 1	Introduction to Frontend	* what is frontend * basic responsibility of a full stack developer	
Day - 2	Introduction to frontend	* environment setup * introduction to structure	P
Day - 3	Introduction to Frontend	* Basic HTML structure	
Day - 4	Introduction to Frontend	* Introduction to CSS	
Day - 5	Introduction to Frontend	* Basic JS syntax.	
Day - 6			

WEEKLY REPORT

WEEK - 1 (From Dt. 29/05/23 to Dt. 04/06/23).

Objective of the Activity Done: Introduction to Frontend

Detailed Report: The Frontend is a part of website with the user introduction direction the application provides all the user experience text colors and styles, photos, diagrams and tables buttons and navigation menus.

* work with development teams and product managers to ideate software solution per user's client side and server side architecture. Build the frontend of application through appealing visual design. Table skirt, design and upgrade Software.

* first set up your workspace for all things code: visual studio code, with its advanced editor, file explorer, command palette and built-in monaco and vimion control divided into parts
1) Head 2) Body.

Cascading style sheet is a simply designed language intended to simplify the process of making web paper presentable.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-charge Signature
Day - 1	HTML	* HTML elements * HTML Attributes	P
Day - 2	HTML	* HTML Forms * HTML Labels	P
Day - 3	HTML	* Lists	Q
Day - 4	HTML	* HTML Images * HTML Linking	R
Day - 5	HTML	* HTML Layout	Q
Day - 6			.

WEEKLY REPORT

WEEK - 2 (From Date 05/06/23 to Date 10/06/23)

Objective of the Activity Done: HTML

Detailed Report: HTML elements are the building blocks of a web page. They are used to define the structure and content of a web page. HTML attributes are additional pieces of information that can be added to HTML elements to provide extra information about the element. These attributes are added to the opening tag of all elements using the following:

- 1) id
- 2) class
- 3) style
- 4) title

An HTML form is used to collect user input. The user input is most often sent to a server for processing.

HTML then allows web developers to arrange data into rows & columns.

A list allows web developers to group a lot of related items in lists.

Image tag is used to display images on the web page.

Links are formed in nearly all web pages. Links allow users to click their way from page to page.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	CSS	* CSS Selection * CSS properties	P
Day - 2	CSS	* Box model	P
Day - 3	CSS	* CSS layout	P
Day - 4	CSS	* CSS grid	P
Day - 5	CSS	* CSS Flexbox	P
Day - 6			

WEEKLY REPORT

WEEK - 3 (From Dt.1.7/06/23 to Dt.1.6/06/23)

Objective of the Activity Done: CSS

Detailed Report: CSS selection are used to find the HTML elements you want to style there are divided into 5 categories 1) simple selection 2) combination selections 3) pseudo-class selection 4) pseudo-element selection 5) Attribute-

property tells us what you are changing the in box model refers to how HTML elements are modeled in browser engine and how the dimensions of those HTML elements are decided from properties it is a fundamental concept of the composition of HTML webpages.

in page layout techniques allow us to take elements contained in a sub page and control where they're positioned relative to the factor: their default position in normal layout flow.

in grid is an interesting set of vertical and horizontal

in flexbox is a one-dimensional layout model that has flexible and efficient.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Introduction to Java Script	* Introduction to Java Script	P
Day - 2	Introduction to Java Script	* Variables	P
Day - 3	Introduction to Java Script	* Data types	P
Day - 4	Introduction to Java Script	* operation	P
Day - 5	Introduction to Java Script	* control structure	P
Day - 6			

WEEKLY REPORT

WEEK - 4 (From Dt. 19/06/23 to Dt. 23/06/23)

Objective of the Activity Done: Introduction to Java script

Detailed Report: Java Script is an open-source programming language designed for creating web-centric applications.

A JavaScript variable is simply a name of storage location there and the two types of variables in Java Script:
local variable and global variable

Java Script has types: 1) string 2) number
3) BigInt 4) Boolean 5) undefined 6) null
7) symbol 8) object

There are 6 types of operation in Java Script
1) Arithmetic operation 2) comparison operation
3) Bitwise operation 4) Logical operation
5) Assignment operation 6) Special operation.

There are basically two types of control statements in Java Script namely, conditional statements and iterative statements (in simple words loops) conditional statement there are the ones that make a decision

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Function and objects	* functions	P
Day - 2	function and objects	* objects	P
Day - 3	function and objects	* arrays	P
Day - 4	function and objects	* loops	P
Day - 5	function and objects	* conditional statement.	P
Day -6			

WEEKLY REPORT

WEEK - 5 (From Dt. 26/06/23 to Dt. 01/07/23)

Objective of the Activity Done: Functions and objects

Detailed Report: A function in JavaScript is similar to a procedure a set of statements that perform a task or calculate a value.

In JavaScript, an object is a statement entity, with properties and type. The array object lets you store multiple values in a single variable. It stores a fixed size sequential collection of elements of the same type. An array is used to store a collection of data.

A loop is a programming function that iterates a statement or condition based on specified boundaries.

conditional function performs calculation on a cell or range of cells only if those cells meet a certain condition.

This function test a given range and determine if the condition is false before continuing.

CHAPTER 5: OUTCOMES DESCRIPTION

Describe the work environment you have experienced (in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)

* There are 5 types of work environments:

A work environ in the setting - social setting and physical conditions in which you perform your job.

1. Physical Environment: This element is made up of the size layout and location of a workplace, whether work is conducted indoors or outdoors the facilities offered in a workplace.
2. Working condition: This element includes the formal letter under which staff members are hired, such as the rate of pay, contract of employment and length of the work day.
3. Company culture: This element is the way a company's employees operate including what effective communication looks like b/w different levels of staff.
4. elements of a work environment: Some jobs require special equipment to do their job.

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

* The technical skills are qualities acquired by using and gaining expertise in performing physical or digital tasks

Technical skills vary widely between industry and job type

Teachers might need technical skill related to instructional technologies and software application ranging from student behaviour monitoring to grading.

Technical skills are important because nearly every job relies on different tools, programming and process.

When employer post jobs they often include lists of both "required" and "desired technical skills".

When an employer lists "desired" skills they are indicating that while there are some competencies they would like to see on a resume they may be open to hiring someone without that experience.

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.

- * Planning: The planning process includes identifying and setting achievable goals, developing necessary strategies, and outlining the tasks and schedules on how to achieve the set goals.
- * Leadership: Leadership skills are often used interchangeably as they both involve planning, decision-making, problem-solving, communication, delegation, and time management.
- * Team work: Team management skills are qualities that help lead/guide groups effectively example skills include emotional intelligence, communication and decision-making.
- * behaviour: It traits needed to perform certain duties usually as it pertain to overseeing a team
- * productive use of time: Set goals, focus, organize, prioritize, communicate and delegate
- * weekly improvement in competencies: Abilities and traits needed to perform certain duties, usually as it pertains to overseeing a team such as solving problems, communicating well, and motivating

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..)

You interact with a variety of people at work, and knowing how to improve your verbal communication skills can make a significant difference in those interactions. It is not solely about the words you say, but also the verbal and precision, communicating.

Expressing yourself clearly, using language with precision, constructing a logical argument; not talking editing and summarizing; and writing reports.

Having strong conversation skills allow to confidently engage anyone in your organization whether its the new intern or the CEO of the company and because opportunities are often presented to those who are likable and confident improving your communication skills communication skills bolster our confidence and self-esteem by empowering us to speak out.

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

openness: Group members are willing to get to know one another, particularly those with different interests and background

trust and self disclosure: - Group members trust one another enough to share their own ideas and feelings. A sense of mutual trust among all is willing to self-disclose and be known yet approachable

support: Group members demonstrate support for one another as they accomplish their goals

respect: Group members communicate their opinions in a way that respects others, focusing on "what can we learn!" rather than "who is to blame!" See conflictive feedback in "rather than" for more details.

- * Align students into diverse groups so that they encounter others with different backgrounds and interests
- * Encourage students to participate willingly and ask questions of others to encourage listening skills and ensure that everyone in the group speaks freely

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

Technology is changing the way organisations and their employees need to accomplish work. Empirical evidence on this topic is scarce at the time of their study is to provide an overview of the effects of technological development on work characteristics and to derive the implication for work demand and continue vocational education and training (CVET).

Technologies, defined as digital, electrical or mechanical tools that effect the accomplishment of work form, are considered in various disciplines such as sociology or psychology. A theoretical framework based on this form, these disciplines were developed and statement all the relationships between technology and work characteristics such as complexity, autonomy, meaning, fulness, etc. Derive empirical evidence may extracted and its implication a model that illustrates the components of learning environments.

Student Self Evaluation of the Short-Term Internship

Student Name: Pramidula Sai Eshwar Kumar Registration No: 720131705020.

Term of Internship: From: 29/05/23 To: 09/08/23.

Date of Evaluation:

Organization Name & Address: SMART. INTERNSHIP ORGANISATION.
BRIDGE

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:

P. Sai Eshwar Kumar
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Page No

Student Name: P. Sri Eswari Komma.

Registration No: 720131705020.

Term of Internship: From: To :

Date of Evaluation:

Organization Name & Address: SMART BRI PGRE.

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

Page No



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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