Estd: 1860

Name of the Student: MOHAMMED NAZMI

Name of the College:MRS AVN COLLEGE

Visakhapatnam.

Registration Number:720130805118

Period of Internship:15 weeks (540 Hours)**From:** 01.04.2023   **To:**14.07.2023

Name & Address of the Intern Organization:

IICTE Private Limited. Plot No. 24, Opposite Y School,Srinivasa Nagar, GITAM College Road,Visakhapatnam, Andhra Pradesh.

Mrs AVN COLLEGE, Visakhapatnam.

Andhra University

YEAR 2022-2023

CHAPTER2: OVERVIEW OF THE ORGANIZATION

Suggested Contents

A. **Introduction of the Organization**

Company which provides technology solutions to over customers with convergence of media, the changing landscape of the industries is becoming extremely competitive. As companies rapidly strive to gain a competitive advantage, IICTE helps companies innovative and transforms its unique insights, differentiated services and flexible partnering models. This helped our customers reduce operating costs and generate new revenue streams. We provide high end business solutions for complex business utilizing current technologies with expect professions in software industries. Our project is based on the principles of highest quality, longest reliability, lowest cost and complete customer satisfaction.

At **IICTE PVT LTD**we provides **Software Products, IT services, HR consultancy, Security Systems**, and various **Transaction Processing Services**. IICTE has integrates its products and services to create customized solutions to allow you to undertake technology-based business transformation that allows reorganization in line with today's dynamic digital business environment.

B. **Vision,MissionandValues of the Organization**

IICTE PVT LTD is a service provider company committed to help business providing qualified resources, and professional services with the highest quality in different areas and we will leverage our strengths to execute complex global-scale projects to facilitate leading-edge products and services affordable to all consumers and business in India. As IICTE has developed its quality initiative and casts its process with perfect customization as per the client needs while meeting the defined standards. So here we will offer unparalleled value to create customer delight and enhance business productivity.

So quality is our measurable factor for us.It is our responsibility towards our valued clients who are the very cause of our existence.

C. **Policy of the Organizationin relation to the intern role**

In the competitive IT services industry, it's difficult to know what differentiates one company from the other, so to keep pace with today customer-driven business environment; companies must re think their business processes. As companies are facing increasing competitive pressure and are inhabitant by inefficient IT systems, it is clear that current enterprise applications are no longer meeting the business demands. So with IICTE , you can be certain that we put our

Promotions: The final part of your software company marketing plan is where you will document how you will drive potential customers to your location(s). The following are some promotional methods you might consider:

- Quarterly press releases to industry-wide interest groups
- Engage in social media mining and marketing
- Offer informative blogs, become a speaker in seminars
- Create a strong presence at tech trade shows and conferences
- Give expert opinions on tech social media platforms
- Improve the SEO (search engine optimization) on your website for targeted keywords

F. Future Plans of the Organization.

Our speculations for the future say that AI, machine learning, and data science will affect all spheres, and software code will automate most jobs worldwide. And all the software running around the world will need experts in software engineering to develop, maintain, and improve their working. This means that the software engineer demand in the future is going to rise, for more managerial roles like taking care of automated software, etc.

The customer demands for software are altering daily in the market, which has opened the sphere of innovation for organizations. While the new technologies being used today demand new skills and the assistance of skilled and experienced software engineers, the software engineers are working hard to learn new languages and stay updated with the trends.

Along with skills, software engineers will need to possess higher levels of ethics and integrity to work in data privacy and transparent AI applications. Software engineers' future prospects will increase as they adapt to the ever-changing digital world around them.

1. Cloud services

2. Artificial Intelligence

3. Low code development

Objective of the Activity Done:

Features of Java programming Language

Detailed Report:

Java is a secure language that ensures that programs cannot gain access to memory locations without authorization. It has access modifiers to check memory access. Java also ensures that no viruses enter an applet.

Java's bytecode verifier checks the code blocks for any illegal code that violates the access right.

A programming language must be simple, easy to lear and use, have good readability, and be human recognizable. The features of Java programming language are portable, Architectural Neutral, Object-Oriented, Robust, secure, Dynamic and Extensible.

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day –1 16/04/23 Saturday	Explain Java keywords and Usage	Control Statements are Statements that change execution of the Structure	
Day - 2 17/04/23 Monday	Explain about control Statements and Usage of control Statements	If Statement is a selection Statement that allows more than possible flow	
Day –3 18/04/23 Tuesday	Explain If and If else Statements with program	The while loop is Used to evalute a test Condition	
Day –4 19/04/23 Wednesday	Explain While and do While Loops with program	for loop is a control flow Statement for specifying iteration	
Day –5 20/04/23 Thursday	Explain for Loop and Switch Statement with program	The purpose of break statement is to break out of a loop early	
Day –6 21/04/23 Friday	Explain Break and Continue Statement with program	A String is a Sequence of the characters.	

Objective of the Activity Done:

Abstraction and Abstract class in Java programming.

Detailed Report:

Abstraction in Java is a process of hiding the implemention details from the User and showing only the functionality to the User. It can be achieved by using abstract Classes, methods, and interfaces. An abstract class is a class that Cannot be instantiated on its own and is meant to be inherited by concrete classes.

Abstract class is a class with abstract methods & non-abstract methods. Where abstraction is just a common english word which Can be quoted as professional resume which describes in short by HIDING the Complexity about any individual.