## **Final Internship Report**

### **Internship Title: Internship in Digital marketing.**

Core based programs:

**Python & Java Development Internship**

### **Company Name:**

Upskill Campus

### **Internship Duration:**

**Start Date:** 1st July 2025  
**End Date:** 31st July 2025

### **Submitted By:**

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**Department:** B.E. CSE  
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## **1. Introduction**

The internship provided hands-on experience in both **Python** and **Java** development. It helped improve my understanding of programming fundamentals, object-oriented programming, and software development best practices.

## **2. Objectives**

* Improve coding and debugging skills in Java and Python
* Develop real-world applications
* Understand CLI/GUI programming
* Apply logic building in task-based coding projects

## **3. Technologies Used**

| **Technology** | **Purpose** |
| --- | --- |
| Python | Backend task coding |
| Java | Object-Oriented Programming |
| VS Code | Code Development |
| GitHub | Project & Report Hosting |

## **4. Tasks Assigned**

### **Python Tasks:**

1. To-Do List CLI App
2. Calculator (Basic Operations)
3. Password Generator
4. Rock-Paper-Scissors Game

### **Java Tasks:**

1. Banking Information System
2. Railway Ticket Reservation
3. ATM Simulation
4. Student Grading System

## **5. Task-wise Report with Output**

### 🔹 Python Task 1: To-Do List

* CLI-based program to add, delete, and view tasks
* Code file: todo.py
* Output: Task added, deleted, displayed via terminal

### 🔹 Python Task 2: Calculator

* Performed basic arithmetic operations
* Code file: calculator.py

### 🔹 Java Task 1: Banking Information System

* Simulated login, deposit, withdraw
* Code file: BankingInformationSystem.java

// Sample Output:

Enter Username: admin

Enter Password: 1234

Login Successful!

1. Deposit

2. Withdraw

(Continue this format for all tasks with summary + sample output)

## **6. Learnings and Challenges**

### ✅ Learnings:

* Improved logical reasoning
* Built real-time command-line apps
* Used Java OOPs efficiently
* Gained experience with GitHub and report structuring

### ❗ Challenges:

* Handling user input errors
* Understanding file handling in Python
* Managing large code in Java methods

## **7. Screenshots**

(Attach screenshots of code execution if required by your mentor/internship platform)

## **8. Conclusion**

This internship experience enhanced my coding and project management abilities. It provided insights into real-world software development workflows and taught me how to break complex problems into modular tasks.

## **9. Appendix**

| **File Name** | **Description** |
| --- | --- |
| todo.py | Python To-Do List App |
| calculator.py | Calculator Script |
| BankingInformationSystem.java | Java OOPs Project |
| FinalReport.docx | Internship Report Document |