INDUSTRIAL INTERNSHIP REPORT

Project Title: Banking Information System using Core Java
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Internship Program: Core Java Internship & Project
Organized by: Upskill Campus, The IoT Academy
In collaboration with UniConverge Technologies Pvt. Ltd (UCT)
Duration: 6 Weeks

EXECUTIVE SUMMARY

This report describes the Industrial Internship conducted by Upskill Campus in collaboration with The IoT Academy and UniConverge Technologies Pvt. Ltd (UCT). The internship was designed to provide practical exposure to real-world software development using Core Java.

As part of this internship, I developed a Banking Information System project using Java. The project focuses on basic banking operations such as account creation, deposit, withdrawal, balance enquiry, and customer data management. This internship helped me understand object-oriented programming concepts and their real-world applications.

PREFACE

Internships play a vital role in career development by providing hands-on experience with industry-level projects. This six-week internship helped me improve my technical knowledge and practical skills in Core Java.

INTRODUCTION

This internship program aims to bridge the gap between theoretical knowledge and real-world application.

ABOUT UNICONVERGE TECHNOLOGIES PVT. LTD (UCT)

UniConverge Technologies Pvt. Ltd, established in 2013, works in Digital Transformation, IoT, Cloud Computing, Cyber Security, Machine Learning, Embedded Systems, and Java Full Stack Development.

ABOUT UPSKILL CAMPUS

Upskill Campus is a career development platform providing industry-oriented training and internships.

OBJECTIVES OF THE INTERNSHIP

- Gain practical experience in Core Java
- Understand object-oriented programming concepts
- Work on a real-world project
- Improve problem-solving and coding skills

PROBLEM STATEMENT

To design and implement a Banking Information System that performs basic banking operations efficiently using Core Java.

EXISTING AND PROPOSED SOLUTION

Existing: Manual banking systems are time-consuming and error-prone.
Proposed: A Java-based system that automates banking operations and reduces errors.

PROJECT DESIGN

Developed using Core Java following object-oriented principles such as classes, objects, and encapsulation.

PERFORMANCE TESTING

Tested for correct input handling, accurate balance updates, and smooth execution.

MY LEARNINGS

Gained strong understanding of Core Java, project development, and debugging skills.

FUTURE SCOPE

Add database connectivity, GUI interface, and enhanced security features.

REFERENCES

Java Official Documentation, Upskill Campus learning materials, mentor guidance.