#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi-590018, Karnataka



#### An Internship Report on

#### REGULATORY REPORTING INTERN

Submitted in partial fulfillment for the award of the degree of Bachelor of Engineering

in

**Artificial Intelligence and Machine Learning** 

**Submitted by** 

VISHAL S B 1BI20AI055

Internship Carried Out at SOCIÉTÉ GÉNÉRALE GLOBAL SOLUTION CENTRE ITPL, Patandur Agrahara, Bengaluru

Internal Guide Prof. Yamini Sahukar P Assistant Professor Dept. of AI&ML, BIT External Guide Amith Kushwaha Lead Software Engineer SGGSC



# Department of Artificial Intelligence and Machine Learning BANGALORE INSTITUTE OF TECHNOLOGY

K. R. Road, V.V. Puram, Bengaluru-560 004 2023-24

#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JnanaSangama", Belagavi-590018, Karnataka

#### BANGALORE INSTITUTE OF TECHNOLOGY

Department of Artificial Intelligence and Machine Learning K.R. Road, V.V. Puram, Bengaluru- 560 004



#### Certificate

This is to certify that the internship work entitled "REGULATORY REPORTING INTERN" carried out by

### VISHAL S B 1BI20AI055

A bonafide student of **Bangalore Institute of Technology** in partial fulfilment for the award of **Bachelor of Engineering** in **Artificial Intelligence and Machine Learning** under **Visvesvaraya Technological University, Belagavi**, during the academic year 2023-24 is true representation of Internship work completed satisfactorily.

Prof. Yamini Sahukar P Assistant Professor Dept of AI & ML BIT, Bengaluru Amith Kushwaha Lead Software Engineer SGGSC ITPL, Bangalore

Dr. D G Jyothi HOD, AI&ML BIT, Bengaluru

Name of the Examiners, Signature with Date

1.

2.

# Acknowledgement

The satisfaction and euphoria that accompanies the successful completion of any task would be incomplete without complementing those who made it possible and whose guidance and encouragement made our efforts successful. So, my sincere thanks to all those who have supported me in completing this Internship successfully.

Working in **Société Générale** has made me to know the **Web Automation** domain. I wish to express my heartfelt gratitude to my mentor, guide and my team members for their valuable guidance, suggestions and cheerful encouragement during the period of my Internship.

My sincere thanks to **Dr. M.U. Aswath**, Principal, BIT and **Dr. D G Jyothi**, Head of the Department of Artificial Intelligence and Machine Learning, BIT for their encouragement, support and guidance to the student community in all fields of education. I am grateful to our institution for providing us a congenial atmosphere to carry out the Internship successfully.

I would not forget to remember **Dr Kempanna M**, Associate Professor and Internship Coordinator, for his encouragement and more over for his timely support and guidance till the completion of Internship.

I avail this opportunity to express our profound sense of deep gratitude to my esteemed guide Prof. Yamini Sahukar P, Assistant Professor, for his moral support, encouragement and valuable suggestions throughout the Internship.

I wish to express my heartfelt gratitude to my mentor **Amith Kushwaha**, Lead Software Engineer for their valuable guidance, suggestions and cheerful encouragement during the period of my Internship.

I extend my sincere thanks to my department faculty members of Artificial Intelligence and Machine Learning and also non-teaching staff for supporting me directly or indirectly for the completion of this Internship.

VISHAL S B 1BI20AI055 **Declaration** 

I VISHAL S B, 1BI20AI055, student of 8th semester B.E in Artificial Intelligence and

Machine Learning, Bangalore Institute of Technology, Bengaluru, hereby declare that the

Internship work entitled "REGULATORY REPORTING INTERN" submitted to

Visvesvaraya Technological University during the academic year 2023-24, is a record of

an Internship work done by me under the guidance of Prof. Yamini Sahukar P, Assistant

Professor, Artificial Intelligence and Machine Learning, Bangalore Institute of

Technology, Bengaluru.

Date: VISHAL S B

Place: Bangalore 1BI20AI055

# **Table of Contents**

CHAPTER 1 – COMPANY PROFILE		1-4
1.1	About Company	1
1.2	Vision Statement	2
1.3	Key Industries	2
CHA	6-8	
2.1	Overview	6
2.2	Organization Structure	7
CHA	10-16	
3.1	Technologies	10
3.2	Web Automation for Regulatory Reporting	11
3.3	Dashboard for Stock Prediction and Analysis	12
3.4	Django CRUD Operations & Flask Service Deployment	14
CHA	17-20	
4.1	Technical Outcomes	17
4.2	Non Technical Outcomes	18
CON	20	
REF	TERENCES	

# LIST OF FIGURES

Figure No.	Description	Page No.
3.2.1	Selenium Web Deriver Api Architecture	12
3.3.1	System Architecture	13
3.3,2	Nifty 50 Prediction Results	14