VISVESVARAYA TECHNOLOGICAL UNIVERSITY JNANASANGAMA, BELAGAVI - 590018



A Internship Report

on

INTERFACE FOR GITHUB PROJECTION AGGRESSION DETECTION IN ALZHEIMER'S PATIENTS

Submitted in partial fulfillment for the award of degree of

Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING

Submitted by
MURUDESHWAR BAROLE
1BG16CS062



Vidyayāmruthamashnuthe

B.N.M. Institute of Technology

Approved by AICTE, Affiliated to VTU, Accredited as grade A Institution by NAAC.

All UG branches – CSE, ECE, EEE, ISE & Mech.E accredited by NBA for academic years 2018-19 to 2020-21 & valid upto 30.06.2021

Post box no. 7087, 27th cross, 12th Main, Banashankari 2nd Stage, Bengaluru- 560070, INDIA Ph: 91-80- 26711780/81/82 Email: principal@bnmit.in, www. bnmit.org

Department of Computer Science and Engineering 2019-20

B.N.M. Institute of Technology

Approved by AICTE, Affiliated to VTU, Accredited as grade A Institution by NAAC.

All UG branches – CSE, ECE, EEE, ISE & Mech.E accredited by NBA for academic years 2018-19 to 2020-21 & valid upto 30.06.2021

Post box no. 7087, 27th cross, 12th Main, Banashankari 2nd Stage, Bengaluru- 560070, INDIA Ph: 91-80- 26711780/81/82 Email: principal@bnmit.in, www. bnmit.org

Department of Computer Science and Engineering



CERTIFICATE

Mr. Murudeshwar Barole, 1BG16CS062, a bonafide student of VII Semester, Department of Computer Science and Engineering, B.N.M Institute of Technology has successfully completed internship at Interface for GitHub project structure creation and Aggression detection in Alzheimer's patient in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of Visvesvaraya Technological University, Belagavi during the year 2019-2020. The internship report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said Degree.

Ms. Harshitha K	Dr. Sahana D. Gowda	Dr. Krishnamurthy G N
Assistant Professor	Professor and HOD	Principal
Department of CSE	Department of CSE	BNMIT, Bengaluru
BNMIT, Bengaluru	BNMIT , Bengaluru	

Examiner 1:

Examiner 2:

ACKNOWLEDGEMENT

I consider it a privilege to express through the pages of this report, a few words of gratitude to all

those distinguished personalities who guided and inspired me in the completion of this internship.

I would like to thank Shri. Narayan Rao R Maanay, Secretary, BNMIT, Bengaluru for providing

excellent academic environment in the college.

I would like to sincerely thank **Prof. T.J Rama Murthy**, Director, BNMIT, Bengaluru for having

extended his support and encouragement during the course of the work.

I would like to express my gratitude to **Prof. Eshwar N Maanay**, Dean, BNMIT, Bengaluru for

his relentless support, guidance and assistance.

I would like to thank Dr. Krishnamurthy G.N, Principal, BNMIT, Bengaluru for his constant

encouragement.

I would like to thank **Dr. Sahana D Gowda**, Professor and Head of the Department of Computer

Science and Engineering who has shared her opinions and thoughts which helped me in giving my

presentation successfully.

I would like to thank Ms. Harshitha K, Assistant Professor of Department of Computer Science

and Engineering, BNMIT, Bengaluru who has given me all the support and guidance in completing

the internship successfully.

I would like to thank Mr. Ajay Gupta, Director of Computer Resources, Dept. of Computer

Science, ODU, Virginia for supporting and encouraging during the course of Internship.

MURUDESHWAR BAROLE

1BG16CS062

Ι

Table of Contents

Sl. No	Title	Page No.
1	About ODU and PRA Groups	
	1.1 Vision	1
	1.2 Mission	1
	1.3 About Organisation	1
	1.4 Types of Services	2
	1.5 PRA Group	2
2	About the Department	4
3	Tasks Performed	
	3.1 Project Summary	6
	3.2 Concepts and Tools	8
	3.3. Snapshots	9
4	Reflection Notes	12
5	Conclusion	13

Table of Figures and Tables

Figure No.	Figure Name	Page No.	
Figure 3.1	AUTHORIZATION USING OAUTH 2.0	9	
Figure 3.2	TREE STRUCTURE OF FILES AND FOLDE	R 9	
Figure 3.3	FITBIT OS SIMULATOR	11	
Figure 3.4	USE OF FITBIT API	11	