Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

MoE, UGC & AICTE Approved

NAAC A++ Accredited

DIVISION OF COMPUTER SCIENCE AND ENGINEERING

SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY

LABORATORY RECORD

Academic Year 2025-2026

ODD SEMESTER

Name   : NIRANSON CDK

Register Number :URK23CS1197

Course Code   : 21CS2015

Course Name   : MLOps Laboratory

NOVEMBER 2025

Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

MoE, UGC & AICTE Approved

NAAC A++ Accredited

DIVISION OF COMPUTER SCIENCE AND ENGINEERING

SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY

LABORATORY RECORD

Academic Year 2025-2026

Course Code: 21CS2015

Course Name: **MLOps Laboratory**

Register No.: URK23CS1197

It is hereby certified that this is the bonafide record of work done by Mr./Ms. NIRANSON CDK during the Odd semester of the academic year 2025-2026 and submitted for the University Practical Examination held on _____.

Faculty-in-charge Signature

Faculty-in-charge Name

Dr.S. Stewart KirubaKaran

Table of Contents

#	Date	Name of the Exercise	Marks	Signature
1.		Crafting Effective Test Cases for Python Functions		
2.		Configuring Continuous Integration with Github Actions		
3.		Containerize ML Model for Deployment		
4.		Permutation Feature Importance Explainer		
5.		Serving a Trained Model over HTTP		
6.		Continuous Integration (CI/CD) for ML Pipelines using Github Actions		
7.		Creating a Model using AutoML		
8.		Monitor and logging in Machine Learning with Python		
9.		Machine Learning Interoperability with ONNX		
10.		Machine Learning Command Line Workflows		

Faculty-in-charge Signature