07-08-2024

# Certificate of Internship

This is to certify that **KIRAN S**, 4th semester student of **B. Tech Computer Science and Engineering, Toc H Institute of Science and Technology, Arakkunnam,** has successfully completed Internship in **AI Product Development** conducted by **ProSEED,** the training and upskilling division of **Freston Analytics Pvt. Ltd**. The internship focused on key areas of artificial intelligence and machine learning, providing hands-on experience and project-based learning.

The key areas covered during the program was

- o Introduction to ML and EDA
- o Introduction to neural network
- o Advanced AI applications like object detection with OpenCV, introduction to Natural Language Processing (NLP) and Large Language Models (LLMs), basic NLP with transformers in Python
- o Project development and system design including project planning and architecture, backend development using Flask and SQL databases, API integration and frontend development
- o Product testing and local deployment and introduction to real-world deployment microservices, containerization, data pipelines, CI/CD.

The program was conducted from 26 June 2024 to 25 July 2024 in hybrid mode.

We commend **KIRAN S** for their dedication and outstanding performance and wish him success in his future endeavours.

**Nikhil CR**
Head - HR

**Ummu Habeeba K**
Lead -ProSEED

**ProSEED**
NURTURING EXCELLENCE

ISO
9001:2015

ISO
27001:2013