

# Anwesh Nayak

Research Scholar with hands-on experience on a variety of problems in the artificial intelligence domain, successfully developed and deployed scalable solutions integrated with the product.

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## EDUCATION

### Master of Science by Research in Data Science

IIIT Bangalore

08/2024 - Present

CGPA: 3.92/4

### Bachelor of Technology in Electronics and Telecommunications Engineering

IIIT Bhubaneswar

08/2018 - 03/2022

CGPA : 6.63/10

### Bachelor of Science Programming And Data Science

IIT Madras

01/2021 - Present

(Online Mode ) CGPA: 8.5/10

## WORK EXPERIENCE

### Contractor - Python Developer

Excelgig

12/2023 - 07/2024

Kolkata, West Bengal

Achievements/Tasks

- Built and maintained Python-based Web applications to process call center survey data. Deployment on AWS EC2.
- Scheduled daily catch-up calls with all the clients to improve client relation and update them on the progress.

### Software Engineer • R&D - NLU

Reverie Language Technologies Limited (Reliance Jio)

07/2022 - 12/2023

Bengaluru, Karnataka

Achievements/Tasks

- Built and maintained multiple NLU and NLP projects and services.
- Built and maintained a multilingual custom chatbot application. Integrated transformer based models.
- Built NLU projects for intent classification and entity recognition by integrating state-of-the-art machine learning models and APIs.

### Contractor - NLU/NLP

Reverie Language Technologies Limited

10/2021 - 07/2022

Bengaluru, Karnataka

Achievements/Tasks

- Built and maintained multiple NLU and NLP projects and services.
- Worked on a natural language processing platform developed for Indian languages for intent classification and entity extraction.
- Explored different chat bot service providers and ways to seamlessly integrate organisation's API for intent classification and entity detection especially for Indian languages.

### Junior Data Scientist

iNeuron.ai

07/2021 - 10/2021

Bengaluru, Karnataka

Achievements/Tasks

- Building demo projects and machine learning pipelines to illustrate various tools used for MLOps.
- Documentation of machine learning projects.
- Implementation of computer vision and natural language processing. Deployments of ML Models on various cloud platforms such as AWS, GCP, and Heroku.

## SKILLS AND TOOLS

Machine Learning

Deep Learning

NLP

Python

TensorFlow

Transformers

Pycharm

FastAPI

Numpy

Pandas

Hugging Face

OpenAI API

Keras

MLflow

Docker

Postman

spaCy

NLTK

Google Speech API

Streamlit

Amazon EC2

Azure Bot Service

Alexa Skills Kit

Prompt engineering

## CERTIFICATES

Foundational Level in Programming And Data Science

IIT Madras

Structuring Machine Learning Projects

Coursera: Deeplearning.ai

Improving Deep Neural Network

Coursera: Deeplearning.ai

Neural networks and Deep learning

Coursera: Deeplearning.ai

Convolutional Neural Networks

Coursera: Deeplearning.ai

Artificial Intelligence

Central Tool Room and Training Centre

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Odia

Limited Working Proficiency

## INTERESTS

Artificial intelligence

Software development

Chess

Podcasts

Music