

Name: [Nilesh.D. Ohol](#) | Glasgow, Scotland, U.K.

[GitHub](#) | [LinkedIn](#) | [Interactive CV](#) | [Tableau](#) | [Qwiklabs](#)

Contact Details: nilesh_ohol@outlook.com | +44-7442003317

Python, Java, R, C++ , SQL, Tableau, and HTML

Experience:

Corporate Trainer, ResponseNET Consultancy - 24th June 2021 – 08th August 2021

- Improving communication skills and creating intuitive presentations while **sharing the technical expertise** on programming topics in Java and Python.
- The programming topics such as :
 - Programming Fundamentals.
 - **OOP's** Concepts.
 - **Data Structures** like Array, Linked List, Stacks, Queues, Heaps, Binary Tree, Binary Search Tree.
 - Searching and Sorting **Algorithms**.
 - Data Base Management System - **SQL (MariaDB)**.
- Within this duration, I also managed to have a **5-day session** on **Machine Learning** and **Tableau** on Zoom with the enthusiastic individuals from the [Thakur College of Engineering, Mumbai](#).

Machine learning Programmer, CodeSpeedy Technology Private Limited - 20th June 2020 – 29th July 2020

- Being challenged to engage and develop **Machine Learning Models** for a variety of complex problem statements using **open-source Deep Learning API TensorFlow and Keras**.
- **Writing articles** on the Machine Learning model and providing its **tutorial with open-source code** and output.
- [My Machine Learning Articles](#)

Education:

Pursuing MSc in Machine Learning and Deep Learning, University of Strathclyde, U.K. – September 2021 – September 2022

- • CS982: Big Data Technologies • DM996 Intelligent, Sensing, Reasoning & Deep Learning • CS985 Machine Learning for Data Analytics • CS412 Information Access & Mining • EE969 Digital Signal Processing

B.E. in Electronics and Telecommunication, University of Mumbai, India – September 2018 – June 2021

- CGPA: 7.16

Diploma in Computer Technology, MSBTE (Maharashtra State Board of Technical Education) – August 2014 – June 2018

- Aggregate Percentage: 70.41 %

Achievements:

- **Guest Lecturer at IIM – Rohtak**, sharing my informative technical expertise and discussing thought-provoking queries in R (Programming Language) and Tableau with the thoughtful individuals from IIM - Rohtak enrolled in different courses like:
 - Strategic Digital Marketing & Analytics.
 - Lean Operations Management.
 - Product & Brand Management.
 - Supply Chain & Logistic Management
 - Applied Digital Transformation & Analytics
 - Strategic Human Resources Applied Analytics.
- **Citation as a State Level Full Stacker (Full Stack Developer)** in **COVID 19 National Bioinformatics Online Hackathon** was nearly three months Hackathon organised by **Anna University in collaboration with AICTE (All India Council for Technical Education)**.

Technical Projects:

Virus Baba Web Application and Android Application for COVID - 19 using Django 3.0.5, Java, XML | [Django Video](#) , [Demonstration Link](#), [Android Video](#) , [Android Application Package\(APK\)](#)

- A Mobile Responsive Web Application and an Android Application which **provides a variety of essential services to the Indian user in this pandemic (COVID-19).**

Nileshell | [GitHub](#) , [Demonstration Link](#)

- Developed **my very own shell script (.sh file)** which could fairly perform functions as similar as a command prompt.

Music Genre Identification | [GitHub](#)

- Building a Neural Network model to **classify an audio file (.wav) and identifying the genre class.**

Electronic Circuit Assessment using YOLO | [Demo](#)

- Assessing Electronic circuit boards using **computer vision** with the help of a pre-trained **CNN** model called YOLO.

Web Scraping classic literature novel | [GitHub](#)

- Web scraping and NLP to find the most frequent words in one of two pieces of classic literature: Herman Melville's novel, Moby Dick

Linear ML for Regression using R | [GitHub](#)

- Predicting House price in California using Linear Regression Model using R Language.

Speech Translator from English to Hindi | [GitHub](#)

- Real-time English speech translated to Hindi through a program written in Python.

Sahaay Android Application | [Video](#) , [GitHub](#)

- Sahaay is an Android application built to connect a variety of **NGO's (Non-Governmental Organization's)** **at one place** to make donations.

Dynamic Data Visualization using Tableau Software| [My Tableau Work](#)

- Developed **dynamic visualizations, dashboards** and **story** of meaningful data using BI Tool Tableau Public.

Training and Certifications:

- **'Post Graduate Certification in Data Science and AI'** from 'Edvancer Eduventure, Mumbai'(Dec 2019 – August 2021).
- **'Neural Networks and Deep Learning'** by 'deeplearning.ai' on Coursera (Jan 2021).
- **'Certified Business Analytics Professional in R'** from 'Edvancer Eduventure, Mumbai'(Dec 2019 – Feb 2020).
- **'Certified Machine Learning Expert using Python'** from 'Edvancer Eduventures, Mumbai'.
- **'Certified Deep Learning Expert'** from 'Edvancer Eduventures, Mumbai'.
- **'Certified Tableau Professional'** from 'Edvancer Eduventure, Mumbai'.
- **'Certified Data Analyst using SQL'** from 'Edvancer Eduventure, Mumbai'.

Publications:

- **[Android Application and Django based web application to combat COVID-19 in India](#)** in the Journal of Emerging Technologies and Innovative Research – Published Paper ID: JETIRFD06018.
- **[Electronic Circuit Assessment using Machine Learning \(ML\)](#)** in the International Journal of Engineering Research & Science (IJOER)
- **[S.H.A.K.T.I. \(System for Home Automated Kitchen Technology Integrated\)](#)** in the International Journal of Engineering Research & Science (IJOER) - DIN: IJOER-NCRENB-MAR-2020-155