

# ANJANEYA TURAI

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Energetic and passionate Data Science and AI enthusiast. I am goal-oriented & self-motivated, well-informed on the latest advancements in AI and ML, and DL. Ready to combine tireless hunger for new skills with a desire to exploit cutting-edge technology and work in a data and technology-driven environment.

## EDUCATION

2017

**10TH SSC**, HOLY ANGELS HIGH SCHOOL & JR. COLLEGE

2019

**12<sup>TH</sup> HSC**, WAMANRAO MURANJAN JR. COLLEGE

Subjects chosen - Physics, Chemistry, Math, Biology, English & Hindi

2019 - 2022

**B.SC. DATA SCIENCE**, SYMBIOSIS SKILLS & PROFESSIONAL UNIVERSITY

CGPA – 9.4

### EXTRAS -

2019

**DIPLOMA** - COMPUTERS MANAGEMENT AND INFORMATION TECHNOLOGY

Software Engineering with A grade

2020

**ADV. DIPLOMA** - ALISON

Computer Vision with 80%

2020 – 2021

**AI IN HEALTHCARE SPECIALIZATION**, STANFORD UNIVERSITY

## TECHNICAL SKILLS

- Python
- R Programming
- Cloud
- Data Base Management Systems
- Data Modelling
- Tableau | PowerBI
- Deep Learning
- Machine Learning
- SQL
- SPSS
- Java
- C/C++ Programming
- Networking
- Microsoft Office

## EXPERIENCE & PROJECTS

**JUNE 2020 – JULY 2020**

**INTERN, SSPU AND MR. SUCHIT MISHRA (CHIEF INFORMATION SECURITY OFFICER AT AUTONOMOUS INTELLIGENT DRIVING GMBH, GERMANY)**

Project on Fake news detection using ML techniques like NLP and ELA.

**AUGUST 2021 – SEPTEMBER 2021**

**DATA SCIENCE INTERN, ALGOANALYTICS PVT. LTD.**

Eliminated downtime and maximized the algorithm efficiency by performing code optimization and algorithm optimization techniques using Cython and algorithms like DeepSort.

**FEBRUARY 2022 – JUNE 2022**

**AI AND ML DEVELOPMENT, STAR UNION DAI-ICHI LIFE COMPANY LIMITED**

A company with Union Bank, Bank of India, and Dai-Ichi Life Japan as their parent company. Analyzing the type and quality of the KYC document uploaded by the customer using machine learning, deep learning, and amazon web services, from scratch algorithm development to AWS deployment.

### **PUBLISHED PAPERS ON**

- **Performance Analysis for Cloud-Based OLAP over Big Data** in IEEE Xplore
- **Social Network Analysis: Book Recommendation System Using Sentimental Analysis** In International Conference on Cyber Technologies and Emerging Sciences (ICCTES).
- **Multi-Label Email Classification Using Random Forest Classifier** In International Conference on Cyber Technologies and Emerging Sciences (ICCTES).
- **Human Resource Management based Economic analysis using Data Mining** In IEEE Xplore

### **PROJECTS -**

- **Fake new detection tool in 2019**
  1. Image Analysis  
To find if the image is manipulated (edited) or not. The methods used to measure the level of compression is done via Error Level Analysis (ELA).
  2. Text Analysis  
Using NLP to categorize between fake news and real news.
- **Face mask detection in 2020**  
A real time system that detects whether the person is wearing a mask or not. The facial landmarks captured by the system are stored and machine learning algorithms have been employed for classification.
- **Real Time Rock Paper Scissor game in 2020**  
OpenCV using python is used, which detects the gestures of my hands and decides whether I lose or win. The machine learning model draws the choices on random basis just as we humans do so that every move is a fair game.
- **Real Time Drowsiness Detection in 2020**  
A ML and OpenCV based model used to detect if the driver is drowsy or not. This was done by thresholding the eye landmarks on the driver's face.

- **Gesture Control Car Driving in 2020-21**  
A computer vision model is made based on hand motion tracking system. Detection of motion in each segment of the screen results to motion in the game in real time.
- **COVID-19 detection using X-Ray images in 2021**  
Training the DL model to identify if the X-Ray of the patient is COVID +ve or -ve using Deep Learning and TensorFlow framework.
- **Classroom Activity Detection in 2022**  
Training the DL model to identify a fight in order to mitigate school fights.

### **PATENTS PUBLISHED ( 8 INDIAN | 1 USA )**

- Diagnosis And Combating Covid-19 Using Wearable Oura Smart Ring With Deep Learning Methods (2021)
- Supervised Machine Learning Models For Diabetes Mellitus Prediction (2022)
- Cascading Convolutional Neural Network Based Image Spoofing Detection Algorithm (2022)
- Design And Implementation For Locating Files Infected With Viruses And Other Malware In Different Locations In A Big Data System (2022)
- Cyber Security Health Monitoring System Using IoT Environment (2022)
- Intelligent Contract Mechanism To Protect Data Navigation (2022)
- 5g-Enabled Industrial Automation Based On IoT And Blockchain (2021)
- A Wireless Patient Health Monitoring And Management System Using IoT and 6G Technology (Applied US Patent 17/684705)
- A System And Method For Managing A Library System Based On RFID, IoT and AI (Indian, 2022)

## **ADDITIONAL TECHNICAL QUALIFICATIONS**

- Completed modules of CCNA (Cisco Certified Networking Associate) – Routing & Switching
- IBM Specialization in Applied Data Science (Coursera).
- Google Certified in Advanced Google Analytics & Digital Marketing.  
Online STTC's in Databases & SQL (IBM), IT Security (Google), Computer Vision (IBM) etc.
- Completed internship programs with companies like –  
1. Deloitte    2. ANZ Bank    3. KPMG India

## **HOBBIES**

- Reading
- Coding
- Swimming
- Chess
- Playing Tabla

## **LANGUAGES KNOWN**

- English (Full Professional Proficiency)
- Hindi (Native or Bilingual Proficiency)
- Marathi (Native or Bilingual Proficiency)
- Sanskrit (Elementary Proficiency)