



# Anshika Pandey

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## EDUCATION

### Harcourt Butler Technical University

Master of Computer Application

- Cumulative GPA: 7.7/10.0

December 2020 – July 2022

Kanpur, Uttar Pradesh, India

### Dr. Bhimrao Ambedkar University

Bachelor of Science

- Cumulative Percentage: 63.64/100

July 2015 – May 2018

Agra, Uttar Pradesh, India

### M.D. Inter College

Intermediate (Class XII)

- Cumulative Percentage: 92.40/100

May 2014 – Jun 2015

Uttar Pradesh, India

## TECHNICAL SKILLS

**Programming:** Java, Python, JavaScript, C++

**Web Development:** ReactJS, NodeJS, Spring Boot, HTML/CSS, Bootstrap, MongoDB

**Backend Services:** AWS, Firebase, HTTP, Rest API

**Technologies/Framework:** Git and GitHub Actions

**Databases:** MySQL, SQL

**Good In:** Data Structure & Algorithm, Object Oriented Programing, Operating System, Computer Networks, System Design, Machine Learning, TensorFlow, Deep Learning, Microsoft Excel, Good Problem Solving and Analytical Skill.

## INTERSHIPS

### Google

July 2022 – December 2022

#### Machine Learning Bootcamp (Apprenticeship)

- Supervised by Google Community Manager of Hailey Desai/ ML Developer Soonson Kwon.
- Among the **200 participants** selected for this six month bootcamp across India and Various ML competitions on Kaggle.
- Build and train neural networks using TensorFlow and improve network performance using convolution as you train it to identify real-world images.
- Intended for individuals with some prior experience in programming and a basic understanding of mathematics, particularly linear algebra and calculus. Training in Deep Learning, Machine Learning and hands-on projects gain practical experience.
- Covers a wide range of topics, including supervised and unsupervised learning, deep learning, and TensorFlow.

## PROJECTS

### Indian Robo Chat-GPT / HTML, CSS, JavaScript, NodeJS, Open AI, Vanilla JS, Machine Learning

- Objective: A large language model developed by Open AI. It is capable of understanding and responding to text-based inputs, and can perform a wide range of natural language processing tasks.
- Answering questions, Generating text, Summarizing text, Translating text, Identifying entities and concepts within text, Generating text in various styles and formats.
- The accuracy of Robo Chat-GPT can vary depending on the specific task or prompt it is given, as well as the quality of the training data it was trained on. In general, Robo Chat-GPT is considered to be a highly accurate language model.

### Global Study Community / MongoDB, Express, React, NodeJS, JavaScript

- Objective: It aims to provide a valuable resource for those looking to improve their education and expand their knowledge.
- Users can upload their own notes and study materials, as well as view and follow the notes and materials of other users.
- Graph data structure, Hash table and searching algorithms are used in Global study community.

### Travel Companion Application / React, API, Rapid API, UI/UX

- Objective: aims to provide a comprehensive and convenient tool for travelers to plan, navigate, and make the most of their trips.
- The app's integration with Google Maps ensures accurate and up-to-date information on locations, as well as turn-by-turn navigation to help users reach their destination. Provide the user with accurate and relevant information for their travel needs.
- App's algorithm for search, sorting and recommendations must be accurate and efficient, to provide the user with the best results.

### ASL-Hand Gesture Recognition/ Python, Machine Learning, NumPy, CNN,

- Objective: Build a system that can correctly identify American Sign Language signs that corresponds to the hand gestures.
- Our proposed system will help the deaf and hard-of-hearing communicate better with members of the community.
- The proposed model for the still images is able to identify the static signs with an accuracy of 94.33%. Based on our analysis of the dynamic signs, we realized the need to identify if the sign is a one-handed or two-handed sign first, and then identify the sign itself.

## **ACHIEVEMENTS**

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### **TensorFlow Developer [\[Link\]](#)**

- Passed the TensorFlow developer Certificate exam covering foundational, Practical Machine Learning skills through the building and training of models using TensorFlow.

### **The Zuno Fellowship**

- My achievement as a **silver winner** highlights my strong analytical and problem-solving skills, as well as my ability to work with large and complex data sets.

### **Participate at GSSOC'22**

- Contribute to several Open-Source Projects.

### **National Scholarship Portal**

- Issued by Ministry of Electronics & Information Technology, Government of India.

### **The Maths Excellence Award**

- Winning a **Gold Medal** Issued by Maths Excellence Award in District.

### **Award Of Excellence**

- I have been conferred with “Award of Excellence” for 1<sup>st</sup> rank by AMAR UJALA Organization.