



Gaurav Pandey

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ABOUT ME

Highly motivated and dedicated recent graduate with a Master's Degree from B.K. Birla College, Mumbai University. Seeking to further my education in Germany to enhance my expertise and contribute to innovative research and development in my field.

WORK EXPERIENCE

01/05/2023 – CURRENT Kalyan, India

Data analysts Nakshatra Skill Development Campus Pvt. Ltd.

As a Data Analyst at Nakshatra Skill Development Pvt. Ltd., I leverage data analytics to drive insights and inform strategic decisions. My role involves data collection, processing, and visualization to enhance program effectiveness, optimize resource allocation, and support the continuous improvement of skill development initiatives.

My Task:

- Identify Key Business Questions
- Data Collection and Storage
- Data Refinement and Insight Extraction
- Strategic Planning for Growth

Link https://drive.google.com/file/d/1Vf_MhLsYY868UKGommZMfGFo4zx2bU76/view?usp=sharing

02/11/2022 – 11/01/2023 India

INTERN TCS iON

As an intern at TCS iON, I had the opportunity to work on automating sentiment analysis of textual comments and feedback. This project was critical in helping the organization better understand customer sentiments and improve service quality based on feedback analysis.

Task During Internship

- This internship is based on work from home and all the communication were done by emails, communities and calls
- Gathering knowledge: What are sentiments? What are sentiments-based analysis? How it can be done?
- Looking for datasets
- Learning how to pre-process a Textual Data using NLP techniques
- Using different pre-processing technique to clean the dataset and making it readable
- Analyzing the common words used in the datasets using word cloud library

Link <https://drive.google.com/file/d/1X9KAUeYgUMLqtq9imidAAjqHLmQm6qJw/view?usp=sharing>

EDUCATION AND TRAINING

01/03/2024 – 28/04/2024

IELTS Preparation and Examination 6.0 bands

15/07/2021 – 14/07/2023 Kalyan, India

Master of Science Artificial Intelligence University Of Mumbai B.K. Birla College of Art, Science and Commerce

Website <https://www.bkbirlacollegekalyan.com/> | Final grade 9.46

10/07/2018 – 22/05/2021 Kalyan, India

Bachelor Of Science Computer Science University Of Mumbai B.K. Birla College of Art, Science and Commerce

Website <https://www.bkbirlacollegekalyan.com/> | Final grade 9.32

11/06/2016 – 30/05/2018 Kalyan (East), India

Higher Secondary School Certificate Grade 12 Model College of Science and Commerce

Final grade 61.54

12/06/2015 – 15/05/2016 Ambivali, India

Secondary School Certificate - Grade 10 NRC School

Final grade 80.00

PROJECTS

Currency Recognizer Android Application

The Currency Recognizer Android Application is designed to accurately identify and validate Indian Rupee (INR) currency notes using image processing and deep learning techniques. This project aims to develop a mobile application that can recognize various denominations of INR currency notes through an intuitive user interface, providing a seamless and efficient user experience.

- Currency Image Preprocessing
 - Preprocessing the images of INR currency notes is a crucial step to ensure the accuracy and robustness of the recognition model.
- Convolutional Neural Network (CNN) Model Building
 - Building a robust CNN model is essential for accurate currency recognition.
- Android User Interface Development
 - Creating an intuitive and user-friendly interface is essential for the usability of the application.
- Model Deployment
 - Deploying the trained CNN model to the Android application.

House Price Prediction

The House Price Prediction project aims to develop a robust, accurate, and user-friendly web application that predicts house prices based on various features such as location, size, number of bedrooms, and more. The core of the project is the development of a linear regression model trained on a dataset of house prices. The final product will be an interactive web application that allows users to input house features and receive price predictions instantly.

Project Phases:

- Data Collection and Preprocessing
- Exploratory Data Analysis (EDA)
- Model Development
- Model Deployment
- Web Application Development
- Testing and Validation

Android App Development

The project aims to develop an Android application that simplifies and enhances the hiring process for companies. This application is designed with two primary user interfaces: one for candidates and another for Human Resources (HR) personnel. The primary objective is to create a seamless and efficient interaction between job applicants and HR, utilizing modern mobile technologies and cloud-based databases.

Project Phases:

- Candidate Sign-Up and Application Submission
 - New candidates can sign up by providing necessary details.
 - Candidates can fill out and submit their application forms, which include personal information, educational background, work experience, and other relevant data.
 - Once submitted, the application details are stored in Firebase and become accessible to HR.
- HR Login and Application Review
 - HR personnel can log in to view a list of all submitted applications.

- HR can view detailed information on each candidate.
- Necessary actions can be performed within the app.

Attendance Management System (Bachelors Major Project)

The Attendance Management System is an innovative project designed to streamline and automate the process of recording and managing student or employee attendance. This system leverages computer vision technology, robust database management, and an intuitive user interface to ensure accurate and efficient attendance tracking. The project integrates OpenCV for facial recognition, MySQL Workbench for database management, and Tkinter for building a user-friendly graphical user interface (GUI).

Key Components:

- OpenCV (Open Source Computer Vision Library)
- MySQL Workbench
- Tkinter (Python GUI Library)

Expected Outcomes:

- Efficiency: Automated attendance marking reduces manual effort and errors.
- Accuracy: Reliable facial recognition ensures accurate attendance tracking.
- Usability: Intuitive interface allows easy management of attendance records.
- Scalability: Database and application design support scalability for large user bases.

Link https://drive.google.com/file/d/1JXOWqmMoLhPNxT1n7Ne_SxNlXpKAJaul/view?usp=sharing

CERTIFICATIONS

01/02/2023 - 15/05/2023

Reinforcement Learning

The Certificate in Reinforcement Learning from TCS iON offers a comprehensive program designed to equip learners with a robust understanding of the core principles and techniques in reinforcement learning (RL). This certification is ideal for aspiring data scientists, machine learning engineers, and AI enthusiasts who wish to delve into the world of autonomous systems and intelligent decision-making.

Link https://drive.google.com/file/d/1aBaG_yZ2ZxJBy8bsEkt_D1bTUV10GzCN/view?usp=sharing

01/10/2022 - 31/01/2023

Vision Intelligence & Machine Learning

The Certificate in Vision Intelligence and Machine Learning from TCS iON is a comprehensive program designed to equip participants with cutting-edge skills in the fields of computer vision and machine learning. This certification is aimed at individuals seeking to deepen their understanding and expertise in these rapidly evolving areas of technology.

Link https://drive.google.com/file/d/1TN0eQfj3mahCByyP3U_cFVQoWXkEeOij/view?usp=sharing

01/12/2021

Pandas - Open Source Data Analysis & manipulation Tool

To gain a deep understanding of Excel files and extract meaningful insights, I earned a Pandas certification on Kaggle.

Link <https://www.kaggle.com/learn/certification/gauravpandey14/pandas>

01/12/2021

Python Programming Language

To start coding for AI, learning Python is essential. I trained in Python programming on Kaggle, which has been immensely helpful for my programming endeavors.

Link <https://www.kaggle.com/learn/certification/gauravpandey14/python>

21/11/2021

Data Visualization Using Python

Learn to represent data using common graphics, including charts, plots, infographics, and even animations. These visual displays of information communicate complex data relationships and insights in an easy-to-understand manner.

Link <https://www.kaggle.com/learn/certification/gauravpandey14/data-visualization>

01/11/2021

Data Cleaning

The certification process typically involves completing a series of hands-on projects and quizzes that cover essential data cleaning techniques using Python and popular libraries such as Pandas.

Link <https://www.kaggle.com/learn/certification/gauravpandey14/data-cleaning>

03/10/2020

Java Programming Language - Java For Beginners Course

I completed a beginner's course in Java from Udemy, which provided a solid introduction to the language and proved beneficial for kickstarting my coding journey in Java.

Link <https://www.udemy.com/certificate/UC-785e21b5-f06c-4e1f-b81f-a02599af3264/>

10/03/2018 – 11/03/2018

Artificial Intelligence Workshop

In 2018, I attended my first workshop on artificial intelligence. This experience piqued my interest in Data Science and AI, providing me with a foundational understanding of artificial intelligence.

Link https://drive.google.com/file/d/1_zamB-M5TYn5nFfQcYg_TbPGVlJqZYn-/view?usp=sharing

01/11/2017

Maharashtra State Certification In Information Technology

MSCIT certificate validates proficiency in essential computer skills, enhancing employability and empowering individuals with fundamental technological knowledge.

Link <https://drive.google.com/file/d/1VsNV35RuM44ls-oYxDD66bm9b8p88adW/view?usp=sharing>

LANGUAGE SKILLS

MOTHER TONGUE(S): Hindi

Other language(s):

English

Listening B2

Reading B2

Writing B2

Spoken production B2

Spoken interaction B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Google Drive | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Google Suite (Doc, Slides, Form, Sheet, Drive) | Video Conferencing (Zoom, Teams, Skype, Webex) - Advanced | Zoom | Social Media including Facebook, WhatsApp and Twitter | Database: MySQL(basic) | Google Maps, GPS Tracking

HOBBIES AND INTERESTS

Playing Cricket

A dynamic sport blending strategy, athleticism, and teamwork, played with bat, ball, and pitch, fostering friendship and competition.

Bike Riding

An exhilarating pastime that celebrates nature, enhances fitness, and fosters connections through shared adventures on picturesque routes

Cooking

Exploring flavors, creating culinary delights, and savoring every dish—a passion for cooking that nourishes both body and soul.

I am eager to bring my passion for learning and innovation to your esteemed institution and look forward to the opportunity to contribute to and grow within your academic community. Thank you for considering my application.

Kalyan, 16/05/2024



Gaurav Pandey