Ayush Kumar
B. Tech Undergraduate at KIIT

ayushsingh25nov@gmail.com

7781979079

Jharkhand, India

linkedin.com/in/ayush-kumar-6b3400235

github.com/Ayush-Kumar-25

A coding enthusiast, resilient learner across platforms and meticulous looking for an entry-level position to gain practical knowledge in the field of software industry.

EDUCATION

B. Tech in Computer Science and Engineering
KIIT Deemed to be University.

09/2020 - Present,   *CGPA - 8.29*

Higher Secondary Education
ST. XAVIER'S School

07/2017 - 03/2019,   *Stream Science(PCM) Secured 71% in CBSE*

SKILLS

| C++ | Python | Java | Javascript | OOPS |

HTML and CSS | NodeJS | MySQL

Data Structures and Algorithms | Web Technology

Data Base Management System | Big Data

Artificial Intelligence

INTERNSHIPS

Salesforce Developer Virtual Internship
Deloitte

22/05/2023 - 22/07/2023,

Achievements/Tasks

Worked on SmartInterz application and customized page layouts by creating diverse field types, including checkboxes, picklists, and relationships such as lookup and master-detail between two objects.

Worked with various types of flows, including triggered and screen flows to update new records. Also, created apex classes and objects by installing different packages and using java programming.

Internship in DataScience
Celebal Technologies

27/05/2023 - 25/07/2023,

Project :- Air Quality Prediction using python

Utilized web scraping techniques to extract the dataset, and python libraries for data cleaning and preprocessing to handle missing values, outliers, and inconsistent data.

Used multiple linear regression algorithms for model training and flask for model deployment.

CodeClause Internship in Data Science and Artificial Intelligence

01/06/2023 - 0107/2023,

Project in Data Science : - Color Prediction ->

Accomplished a color prediction project for a given image by using colors dataset, leveraged libraries like pandas, numpy for reading CSV file and execute mathematical operations. Employed diverse functions to get the matching combination of colors to predict the correct color for a given image.

Project in AI :- Animal Species Detection ->

Employed numpy for fundamental mathematical operations, matplotlib for plotting graphs, keras, os and seaborn for heatmap. Split the data into train and test data for model training and model testing. Additionally, conducted model testing using TensorFlow.

CODING PLATFORM

Hackerrank

https://www.hackerrank.com/ayushsingh25nov

PERSONAL PROJECTS

Tic Tac Toe Game using Python (09/2022 - 12/2022)

Developed a Python-based Tic Tac Toe Game, employing the Tkinter library to establish a graphical user interface. Implemented functions such as create_widgets to generate game buttons, reset to facilitate game resets, check_win, check_lost, and check_tie to ascertain win, loss, and tie conditions, and integrated a scoreboard feature for score tracking.

Face Detection using Python (10/2022 - 12/2020)

Developed a Face Detection Project in Python, utilizing the OpenCV library renowned for its capabilities in image and video processing. Employed the Haar Cascade classifier, which features pre-trained data tailored for frontal face detection. Utilized video capture functionality to access the webcam and perform real-time face detection. Employed the cvtcolor method to optimize face detection performance by converting images to grayscale.

Latest Weather forecast using Python. (11/2022 - 02/2023)

Constructed a Python-based weather forecast project. Leveraged libraries including requests, PIL, datetime, and json for various functionalities: making HTTP requests to APIs, handling date information, image manipulation, and managing JSON data. Integrated a weather API to acquire comprehensive weather details for diverse countries. Utilized the image draw method to dynamically incorporate text onto images.

CERTIFICATES

Introduction to Python (Basic) (06/2021 - Present)

C++ (08/2021 - 10/2021)
Covers concepts of c++ language

Intro to Data Science in Python

Intro to SQL
Covers SQL Queries

Datacamp - The Python Fundamentals (05/2021 - 06/2021)

LANGUAGES

English
Professional Working Proficiency

Hindi
Native or Bilingual Proficiency