



# Ayush Kumar

## Details

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DATE OF BIRTH

25/11/2001

## Links

[LinkedIn](#)

[Github](#)

## Skills

C

C++

Python

HTML

CSS

OOPs

DSA

Artificial Intelligence

Big Data

Machine Learning

Java

SQL

## Languages

English

Hindi

## Profile

Eager coding enthusiast and relentless learner with a keen eye for detail, seeking an entry-level position to immerse myself in the software industry.

## Internships

### Internship in Data Science and Artificial Intelligence, Code Clause

JUNE 2023 – JULY 2023

#### Project: Color Prediction

- Accomplished a color prediction project using pandas and numpy for reading CSV files and executing mathematical operations.
- Leveraged diverse functions for optimal color matching and prediction in given images.

#### Project: Animal Species Detection

- Utilized numpy for fundamental mathematical operations, matplotlib for plotting graphs, and Keras for model training in animal species detection.
- Conducted model testing using TensorFlow, showcasing expertise in deep learning frameworks.

### Salesforce Developer Virtual Internship, Deloitte

MAY 2023 – JULY 2023

- Customized SmartInterz application page layouts, creating diverse field types and establishing relationships, enhancing user interface and data organization.
- Implemented various flows, including triggered and screen flows, to automate record updates, showcasing proficiency in Salesforce automation features.
- Developed Apex classes and objects, incorporating different packages and Java programming for extended functionality, showcasing adaptability and coding expertise

### Internship In Data Science, CELEBAL Technologies

MAY 2023 – JULY 2023

#### Project: Air Quality Prediction using Python

- Employed web scraping techniques to extract datasets, ensuring a robust foundation for analysis.
- Utilized Python libraries for data cleaning and preprocessing, handling missing values, outliers, and inconsistent data.
- Applied multiple linear regression algorithms for model training, achieving accurate air quality predictions.
- Deployed Flask for model deployment, showcasing the practical application of machine learning solutions.

## Education

### B.Tech, Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar

AUGUST 2020 – JULY 2024

### Class XII, ST. Xaviers School, Hazaribag, Jharkhand

APRIL 2018 – APRIL 2019

### Class X, Naman Vidya School, Masipirhi, Hazaribag, Jharkhand

## Projects

### Tic Tac Toe Game Using Python - Game Development

SEPTEMBER 2023 — DECEMBER 2023

- Developed a Python-based Tic Tac Toe Game using Tkinter, implementing functions for game mechanics and integrating a scoreboard feature

### Face Detection Using Python - Image and Video Processing

OCTOBER 2023 — NOVEMBER 2023

- Developed a Face Detection Project using OpenCV, employing the Haar Cascade classifier for real-time frontal face detection.
- Employed the cvtcolor method to optimize face detection performance by converting images to grayscale.

### Latest Weather Forecast Using Python - Web Scraping

NOVEMBER 2022 — FEBRUARY 2023

- Constructed a Python-based weather forecast project using requests, PIL, datetime, and json.
- Integrated a weather API for comprehensive weather details, enhancing user experience with dynamic text incorporation onto images.

## Certifications

Intro to Python, DataCamp

Intermediate Python, DataCamp

C++, Udemy

OOPs in Python, DataCamp

SQL Queries, DataCamp

Intermediate SQL, DataCamp

Python Projects, Udemy

Developing Python Projects, DataCamp

Intro to Data Science in Python, DataCamp

## Extra-curricular activities

CH++ Participant and Award Recipient, Chemkriti , NIT Durgapur

Participant and Recognition Awardee, (NCFE-NFLAT), National Institute of Securities Markets

English Activity Competition, Naman Vidya School