

# ABHISHEK KUMAR

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## EDUCATION

**Oriental Institute of Science and Technology**

*B.Tech - CGPA - 8.17*

**08 2020 – 06 2024**

*Bhopal, India*

## PROJECTS

**Face Recognition System** 🔗 | Python, OpenCV, KNN

**04 2024**

- Employed OpenCV and HaarCascades to achieve accurate frontal face detection in under 700 milliseconds.
- Implemented the K-Nearest Neighbor (K-NN) classification algorithm.

**Chatbot** 🔗 | Flask, Torch, NLP

**07 2024**

- Developed transformer-based chatbot using NLP techniques for human-like responses.
- Implemented NLP techniques such as tokenization and embeddings for improved language understanding in the chatbot.

**Bankruptcy Classifier Using Machine Learning** 🔗 | Scikit-learn, PCA, Random Forest

**08 2024**

- Developed a machine learning model to predict bankruptcy using classification algorithms like Random Forest and Logistic Regression.
- Performed data preprocessing and feature engineering techniques to enhance model accuracy and performance.

## INTERNSHIP

**Upskill Campus** 🔗

**06 2024 – 07 2024**

*Python Developer Intern*

*Bhopal, India*

- Contributed to the development of data-driven applications using Python, optimizing performance and functionality.
- Participated in code reviews and debugging processes to ensure high-quality, maintainable code and effective collaboration.

**Atharvo India Pvt. Limited.** 🔗

**01 2024 – 02 2024**

*Machine Learning Intern*

*Bengaluru, India*

- Collaborated on the development and training of machine learning models, analyzing data to improve accuracy.
- Conducted data preprocessing and feature engineering to enhance model performance and support project objectives.

## TECHNICAL SKILLS

**Languages:** Python, R, Java, JavaScript

**Developer Tools:** VS Code, Jupyter Notebook, Github, IntelliJ Idea

**Technologies/Frameworks:** HTML, CSS, React.js, MySQL

**Data Science:** PowerBI, Numpy, Pandas, Seaborn, Scikit-learn, TensorFlow, Keras, PyTorch, SciPy

## EXTRACURRICULAR

**Aashman Foundation** 🔗

**10 2022 – 01 2023**

*Event Management*

*Bhopal*

- Managed online event logistics, coordinating schedules, vendor communications, and participant engagement to ensure smooth execution.
- Participation Certificate. 🔗

## CERTIFICATIONS

• Python Data Structure - Coursera

• Deep Learning for Developers- Infosys