

# LAKSHIT UPRETI

+91 8126573923 | lakshitupreti@gmail.com | lakshit013.github.io/LakshitUpreti/ | github.com/LaKsHiT013 |  
linkedin.com/in/lakshit-upreti-668696227/

## EDUCATION

**Indian Institute of Information Technology Nagpur, B. Tech. in Computer Science and Engineering |**  
Nagpur, Maharashtra, INDIA

May 2025

**Related Coursework:**, Data Science, Machine Learning, Operating Systems, DBMS, Computer Networks, Object Oriented Programming, LLD, Deep Learning.

## EXPERIENCE

**THE OUTIST, Web Developer (Front-end & Tech Consultation) | Remote(India)** December 23 - February 2024

- Developed the front-end of a website; collaborated with a partner to enhance the CMS capabilities, resulting in a 40% reduction in content publishing time.
- Documented technical aspects of the project, including system architecture and development processes, to streamline future maintenance and onboarding processes.

**Self Employed, Freelancer | Remote (India)** November 2022 - Present

- Engaged on several small scale projects ranging from UI Design on to building websites on WordPress, Data Analytics and teching, helping our clients to increase their productivity and ease of work.

## SKILLS

Languages	C++, Python, SQL
Data Science and ML	Exploratory Data Analysis, Statistics, Modeling, Deep Learning, Computer Vision, Image Classification, RNN, Natural Language Processing, Text Classification.
Software	Tensorflow, OpenCV, Keras, PowerBI, MySQL

## PROJECTS

**Who's that pokemon | Pokemon similarity web-app,** April 2024

- Created a web app enabling users to upload their photo and get a Pokémon character resembling them, utilizing image recognition for personalized results.
- Implemented CNN and similarity techniques to extract facial features of human and compare it with the Pokémon to predict which Pokémon looks similar to the user with a 56.3% accuracy.

**Emotion Recognition** April 2024

- Constructed a system using OpenCV to detect facial expressions and infer emotions from them.
- Utilize pre-trained models to classify emotions based on extracted features with an accuracy of 51.2%.

**Stock Price Prediction** April 2024

- Used Monte Carlo simulation to predict future stock prices based on historical data.
- Orchestrated statistical analysis initiatives utilizing numpy and scipy libraries to derive key insights.

**RTS-Scheduling-Algorithms** February 2024

- Created 4 prominent RTS algorithms: RMS, DMS, LST, and EDF.
- Implemented a robust task generator tool capable of generating 100s of task sets, enabling comprehensive testing of scheduling algorithms.
- Engineered an intuitive information architecture for seamless navigation and enhanced user comprehension.

## Certificates

Introduction to Statistics –   Coursera(Stanford University)	2023
Data Analysis with Python –   Coursera(IBM)	2023
Machine Learning with Python –   Coursera(IBM)	2023
Machine Learning with Python –   Coursera(IBM)	2023
Data Visualization with Python –   Coursera(IBM)	2023
Hands-On Power BI Training For Data Science –   Udemy	2023

## Achievements

- 3\* at CodeChef(1613 max.)
- 1700+ on LeetCode(1702 max.).