

# Chidanand Khot

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 <https://ckhot397.wixsite.com/vibeandthrive>

## PROFESSIONAL SUMMARY

Motivated and detail-oriented MCA graduate with practical experience in **AI, Data Analytics, and Full Stack Web Development**. Proficient in developing **data-driven applications** using **Python, Flask, and Machine Learning models**. Skilled in **EDA, data visualization, model training, and REST API integration**. Successfully built real-world projects such as **AI-Powered Fertilizer Recommendation System, Taxi Fare Prediction, and Employee Data Analysis**. Passionate about creating **intelligent, scalable, and user-focused AI solutions** that solve real-world challenges.

## EXPERIENCE

### Data Analyst Intern, Edureka

11/2024 – 01/2025

- Worked on the **Employee Data Analysis** project using **Python, Pandas, NumPy, and Matplotlib**.
- Performed **data cleaning, EDA, and visualization** to uncover employee trends and performance metrics.
- Created dashboards and presented insights to mentors, strengthening **practical data analytics and visualization skills**.

## SKILLS

### Programming Languages

Python, Java, Data Analytics, C.

### Backend

Flask, PHP, MySQL, SQLite.

### AI/ML

Scikit-learn, Pandas, NumPy, TensorFlow, LSTM, Random Forest

### Additional Skills

REST APIs, Web Application Development, Frontend and Backend Development.

### Web Technologies

HTML, CSS, Bootstrap.

### Databases

MySQL, SQLite.

### Tools

Git, GitHub, Canva, PyCharm, VS code.

## EDUCATION

### Master of Computer Application

2023 – 2025

Visvesvaraya Technological University, Belgaum Karnataka

### Bachelor of Computer Application

2020 – 2023

Rani Channamma University , Belagavi (KLE's BCA College, Nipani Karnataka)

## CERTIFICATIONS

- Data Analytics using Python - Edureka
- MySQL - Leosias Technologies
- Object Oriented Programming - NPTLE
- PowerBI - Leosias Technologies

## PROJECTS

### AI-Powered Fertilizer Recommendation System for Farms (Major Project)

- Developed an **AI-Based fertilizer Recommendation System** that suggests the best fertilizer using the soil parameters, crop type, environmental data
- Integrated multiple machine learning algorithms (**Random Forest, Decision Tree, SVM, XGBoost**) to enhance accuracy.
- Built an interactive Flask web application for easy farmer input and real-time recommendations
- Improved fertilizer utilization efficiency, helping farmers reduce cost and increase yield.

### Online Blood Bank Donation System

- Built a **PHP-MySQL** web application to manage donor and recipient records.
- Implemented **donor registration, blood request, and availability tracking** features.
- Ensured **secure database handling** and **responsive UI** using HTML, CSS, and JavaScript.

### Taxi Fare Prediction using Machine Learning

- Built a **Python-based regression model** to predict taxi fares using distance, time, and location features.
- Performed data preprocessing, feature engineering, and visualization using **Pandas, NumPy, and Matplotlib**.
- Deployed the trained model through a **Flask web interface** for user interaction and prediction results.

### Employee Data Analysis using Python

- Conducted data cleaning, analysis, and visualization on employee datasets using **Python, Pandas, and Matplotlib**.
- Explored patterns in employee performance, attendance, and satisfaction metrics.
- Generated insights to support data-driven decision-making and workforce optimization.

## Portfolio

### Vibe & Thrive ☀

Developed a personal portfolio website using **Wix** to showcase my **AI, Data Analytics, and Web Development** projects in a **responsive and visually engaging layout**.