






Chidanand Khot


 chidanandkht03@gmail.com  +91 6364263087  LinkedIn  Github

 <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.	Web Technologies HTML, CSS, Bootstrap.
Backend Flask, PHP, MySQL, SQLite.	Databases MySQL, SQLite.
AI/ML Scikit-learn, Pandas, NumPy, TensorFlow, LSTM, Random Forest	Tools Git, GitHub, Canva, PyCharm, VS code.
Additional Skills REST APIs, Web Application Development, Frontend and Backend Development.	

EDUCATION

Master of Computer Application Visvesvaraya Technological University, Belgaum Karnataka	2023 – 2025
Bachelor of Computer Application Rani Channamma University , Belagavi (KLE's BCA College, Nipani Karnataka)	2020 – 2023

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**.