

Chidanand Khot

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PROFESSIONAL SUMMARY

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

EXPERIENCE

11/2024 – 01/2025 **Data Analyst Intern, Edureka** 📄

- 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**.

EDUCATION

2023 – 2025 **Master of Computer Application**
Visvesvaraya Technological University, Belgaum Karnataka

2020 – 2023 **Bachelor of Computer Application**
Rani Channamma University, Belagavi (KLE's BCA College, Nipani Karnataka)

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, Front-end & Back-end Development.

CERTIFICATIONS

- Data Analytics using Python - Edureka
- MySQL - Leosias Technologies
- Object-Oriented Programming – NPTEL
- 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**.