

Dhumale Prasad

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OBJECTIVE

As a highly motivated and detail-oriented Python AIML and backend developer, I am seeking a challenging position in a reputable organization where I can learn new skills, expand my knowledge, and leverage my learnings to drive innovation and growth. With expertise in Python backend development using FastAPI and Flask, I am confident in my ability to design, develop, and deploy scalable and efficient APIs that meet the needs of complex applications.

EDUCATION

- REVA UNIVERSITY** *DEC 2022 - April 2026 Bachelor of Technology, Bangalore, Karnataka,*
 - GPA: 9.24 (till 5th semester)

ACHIEVEMENTS

- Winner (2x), HackHorizon** *Nov 2024 and March 2025, Reva university Bangalore,*
- Winner, Enigma 2024** *Dec 2024, Jyothy Institute of Technology*
- Runners Up, E-Summit'24** *Dayananda Sagar College of Engineering, Bangalore | 2024*

PROJECTS

- Dhwani AI: Multilingual Voice Assistant** ([GitHub](#)) *Mar 2025*
Tools: Python FastAPI, GROQ Api, Twilio, Google Wavenet Translate.
 - Developed a multilingual voice assistant using FastAPI and Twilio to support English, Hindi, and Kannada, enabling interactive voice-based communication with users.
 - Integrated Groq LLM API (LLaMA 3.3 70B) to provide intelligent, language-specific responses based on real-time speech input.
 - Implemented speech recognition and dynamic voice response flow for language selection, conversation handling, and fallback scenarios, enhancing accessibility and user experience.
- CoTrue: AI Code Optimization and Carbon Emission Estimation Tool.** ([GitHub](#)) *Nov 2024*
Tools: Python Flask, Streamlit, Ollama Local LLM model(1lama3.2:1b)
 - CoTrue Analysis allows users to execute Python or C code, optimize it using AI, and calculate the corresponding carbon emissions.
 - It provides carbon emission estimation based on the runtime of the user's code and the carbon intensity of electricity in the selected country.
 - The application features a customizable user interface with a terminal-style loader and a structured layout for displaying the original code, optimized code, and results.

SKILLS

- Programming Languages:** Java, Python, C
- Web Technologies:** Flask, FastAPI
- Database Systems:** SQL, Postgresql,
- Tools:** GitHub, Git, VS Code
- DevOps:** Docker, Jenkins

CERTIFICATION

- Introduction to Machine Learning *July 2023*
- Python (HackerRank) *April 2023*
- Cybersecurity *Aug 2024*