

# Yash Santosh Patil

✉ 2811yashpatil@gmail.com ☎ 9049263665 📍 Yashwant Nagar Kapadane Tal dist dhule

🌐 linkedin.com/in/yash-patil-023167239 🐙 github.com/2811Yash

## SUMMARY

Passionate about machine learning and LLMs, with experience in developing advanced AI solutions and intelligent conversational agents using cutting-edge technologies.

## SKILLS

- C, Python, Java, Large Language Models (LLMs), Retrieval-Augmented Generation (RAG).
- Pandas, NumPy, Natural Language Toolkit (NLTK).
- Firecrawl, Angular, Streamlit.
- GitHub, VS Code, Jupyter Notebook, Google Colab, Kaggle.

## WORK EXPERIENCE

### AI & Full-Stack Development Intern

01/2025 – present

#### Techonsy Software Pvt. Ltd.

Pune, India

- Developed AI-powered chatbots for various projects, integrating NLP and retrieval-augmented generation
- Built and deployed a full-stack web application using Django, ensuring seamless backend and frontend integration.
- Implemented web scraping techniques to automate data extraction and processing, optimizing information retrieval.

## EDUCATION

### B Tech - Computer Science

2021 – 2025

#### SSVPS's B.S.DEORE COLLEGE OF ENGINEERING, DHULE

CGPA - 8.01

### HSC

2019 – 2021

#### STTK's Mahajan Junior College

Percentile 83.33%

## PROJECTS

### RAG-Based Question-Answering System

- Developed a RAG application for document-based question-answering .
- Enabled users to upload documents and query them using AI-driven contextual retrieval and response generation.
- Provided accurate and informative answers to user queries, drawing directly from the provided content.
- Optimized document retrieval and generation pipeline for efficient processing.

### FoodWiseAI: Your AI-Powered Food Assistant

- Developed a conversational image recognition chatbot to provide real-time food information.
- Enabled users to upload images of food product labels.
- Utilized AI to extract and analyze product details, including ingredients, nutritional information, and allergens.
- Provided accurate and informative responses to user queries about the uploaded food product.

### AskMongo: Conversational Data Retriever for MongoDB

- Built an intelligent chatbot that converts natural language prompts into MongoDB queries for seamless data retrieval.
- Enabled users to input a MongoDB URL and extract specific data without manually writing queries.
- Designed an automated query generation system to fetch precise information directly from the database.
- Optimized query execution and response handling for efficient and real-time data access.