

Ketan Sanjay Nikam

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Technically Curious Engineer and analytical thinker with hands-on experience in Web development and python-based automation. Built projects ranging from Chat analyzer to implementing python in ML for disease detection, focusing on practical functionality and clean implementation

Technical Skill

- **Languages:** Python, R, C++
- **Frontend:** HTML, CSS, JavaScript, jQuery
- **Backend:** Node.js, Django
- **Databases:** MySQL, SQLite
- **Developer Tools:** VS Code, GitHub, PyCharm

Projects

Malnutrition detection –

- It is a web application to **detect Malnutrition in children** by analyzing images of the skin and nails
- Used languages like **HTML, CSS and JavaScript for frontend** and implement using **PYTHON for machine learning**.
- Used **MongoDB(NoSQL databased)** to store user data, images and other statistics

WhatsApp Chat Analyzer –

- Developed using **python for backend logic**, used **Streamlit for an interactive web interface**
- Analyzed the **exported WhatsApp.txt chat file** to generate insights about personal and group conversation
- Used libraries such as **Pandas, Matplotlib, Seaborn and WordCloud for data analysis and visualization**

Pro Email Writer –

- It is a **PYTHON** based application that **generate professional emails** based on user input
- User Input – **Text-based and voice-based**
- Applied **Speech recognition, string manipulation and templet generation techniques** to automate writing process

E-commerce – Clothing Website

- Designed a responsive shopping website using **HTML, CSS and JavaScript**, ensuring a smooth and seamless user experience
- Built the **backend using Node.js** to handle server-side logic, authentication and API routing
- Used **MongoDB** for managing product listing, user account and order transactions

Certification

Tata Group Data Analytics Job Simulation on Forage - August 2025

- Completed a job simulation involving AI-powered data analytics and strategy development for the Financial Services team at Tata iQ.
- Conducted exploratory data analysis (EDA) using GenAI tools to assess data quality, identify risk indicators, and structure insights for predictive modelling.
- Proposed and justified an initial no-code predictive modelling framework to assess customer delinquency risk, leveraging GenAI for structured model logic and evaluation criteria.
- Designed an AI-driven collections strategy leveraging agentic AI and automation, incorporating ethical AI principles, regulatory compliance, and scalable implementation frameworks.

Education

New Horizon Institute of Technology and Management, Thane
Bachelor of engineering (B.E) in Computer engineering

Nov 2022 – Jun 2025
CGPA – 7.25

Institute of Petrochemical Engineering, Lonere
Diploma in Engineering – Instrumentation Engineering

July 2019 – Jun 2022
CGPA – 8.35