# Omji Ramdatt Tripathi

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## Education

B.Tech in Computer Science & Engineering (AI & ML)
Lokmanya Tilak College of Engineering, Navi Mumbai
Expected Graduation: 2027
Current Year: Penultimate Year

## Technical Skills

Languages: Python, C, C++, HTML, CSS, JavaScript

Frameworks & Dev Tools: Flask, FastAPI, Git, Firebase, VSCode, Render, Vercel

Libraries/APIs: Hugging Face Transformers, Tesseract OCR, Scikit-learn, Pandas, NumPy, Chart.js

Currently Learning: DSA, ML, NLP, DBMS, Linux, Software Design

## Projects

Travel Agency Landing Page [GitHub]

- Built a responsive and clean front-end web page for a fictional travel agency using HTML and CSS.
- Implemented modern design aesthetics and user-friendly navigation.

MindMentor: AI-Powered Mental Health Companion (In Progress)[GitHub]

- Built a full-stack web app that uses NLP to deliver CBT-based support and sentiment-aware chatbot responses.
- Integrated secure journaling and mood tracking with graphical analytics using Chart.js.
- Applied DistilBERT to classify emotional tone and retrieve relevant mental health resources.

SmartGro: AI Grocery & Sustainability Tracker (In Progress)[GitHub]

- Developed a web app to extract and analyze grocery receipts using OCR and NLP.
- Categorized items into healthy/unhealthy and suggested sustainable alternatives.
- Implemented Firebase for secure data storage and created a user-friendly dashboard for insights.

## Certifications

• Green Skills & Artificial Intelligence – Edunet Foundation, AICTE & Shell (Mar 2025)
• Data Visualization for Business Insights – Tata and Forage (Dec 2024)

## Hackathons & Activities

• Participated in multiple hackathons
• Actively building a strong GitHub project portfolio

Languages Known: English, Hindi

Preferred Internship Locations: Pune, Hyderabad, Bengaluru