

SHASHANK SONAWANE

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Education

Marathwada Mitra Mandal's College of Engineering, Pune

2022 – 2026

Bachelor of Engineering in Artificial Intelligence and Data Science

Pune, Maharashtra

Sonopant Dandekar Shikshan Mandali (SDSM) College

2020 – 2022

Higher Secondary Education

Palghar, Maharashtra

Technical Skills

Languages: Python, SQL

Data Science: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Machine Learning & AI: TensorFlow, PyTorch, Keras, LLMs, Agentic AI, Hugging Face Transformers, LangChain, LangGraph

Web & App Development: Streamlit, Flask

Automation & Tools: n8n, Selenium, Git, FastAPI

Cloud & Databases: AWS, MySQL

Projects

StartScope – Startup Idea Validation Tool | *FastAPI, Streamlit, LangGraph, Agentic AI*

2025

- Developed an AI-powered startup idea validation tool leveraging market analysis, competitor research, and risk assessment.
- Implemented LangGraph-powered workflows and Agentic AI agents with fallback strategies for robust performance.
- Integrated Hugging Face models and DuckDuckGo for real-time data, delivering actionable strategic advice to entrepreneurs.

Restaurant Booking Telegram Bot with Automation | *n8n, OpenAI, JavaScript Google APIs*

2025

- Built a fully automated Telegram bot for restaurant table booking using n8n workflow automation.
- Integrated Google Calendar to manage reservations, Google Sheets for data storage, and Google Docs for generating confirmations.
- Used OpenAI to provide conversational replies and dynamic reservation logic through the Telegram interface.
- Improved operational efficiency by minimizing human involvement in the booking and confirmation process.

n8n-Instagram-x-AI | *n8n, Airtable, BrightData API, Ollama*

2025

- Built as an assignment for a company to automate Instagram post analytics using n8n workflows.
- Scrapes the latest 13 posts from any handle and uploads structured data to Airtable Gallery View.
- Integrated BrightData for scraping and Ollama for AI-based post performance reviews.
- Delivered a zero-setup automation pipeline for engagement tracking and AI-generated insights.

Health Saarthi – AI Wellness Vibe Coded Chatbot | *Bolt.new, Gemini API*

2024

- Developed a full-stack AI health assistant for Marathi-speaking users, offering instant responses to health queries and wellness tips.
- Built a user-friendly interface using Tailwind CSS and Framer Motion for smooth animations and improved UX.
- Integrated Google's Gemini API to enable empathetic and multilingual conversations in Marathi and English.
- Ensured scalability with modular React components and strong type safety using TypeScript.

Experience

AI/ML Intern – Google Virtual Internship (via Eduskills)

July 2025 – September 2025

[Certificate Link](#)

- Completed Google AI/ML internship; earned badges in Image Classification, Object Detection, and Image Search.
- Built CNN models using TensorFlow and Keras; applied transfer learning on real-world image datasets.