

# Varad Pensalwar

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**Address** Pune, India  
**Date of Birth** 15<sup>th</sup> August 2003  
**Nationality** Indian

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## SUMMARY


AI/ML undergraduate with strong expertise in building AI-powered applications, voice assistants, and workflow automation using Python, OpenAI APIs, LangChain

## EDUCATION

**2021-2025** Bachelor of Technology in Artificial Intelligence and Machine Learning - Sanjay Ghodawat University

**2019-2021** Higher Secondary School - Janta Junior College, Naigoan

## TECHNICAL PROJECTS

**Mar 2025 -** **DocMind** 

**May 2025** *An AI-powered PDF information retrieval system*

- DocMind is an AI-powered tool that lets you upload PDFs and ask questions about their content through a simple web interface.
- The backend integrates LangChain and Anthropic Claude APIs to enable conversational question answering.

**Technologies:** Python, LangChain, OpenAI APIs, Streamlit.

**Mar 2025 -** **HealthAI-Assistant** 

**May 2025** *An AI-powered personal health advisor*

- HealthAI-Assistant is a web application that processes medical PDFs into 500-character chunks, generates embeddings using Hugging Face's "all-MiniLM-L6-v2" model, and stores them in Pinecone for semantic search.
- The system supports PDF ingestion and scalable semantic search, making it effective for extracting information from complex medical documents with OpenAI's language model.

**Technologies:** Python, LangChain, OpenAI APIs, Pinecone, PyPDF

**Mar 2025 -** **VaradGPT** 

**May 2025** *An AI-powered Telegram ChatBot*

- VaradGPT Bot is a Telegram chatbot using python, aiogram, OpenAI GPT, and Whisper that processes text and voice queries with session tracking and streamlined command functionality.
- The bot additionally serves as a digital portfolio for creator Varad Pensalwar, providing access to his resume, projects, skills, and contact information, demonstrating expertise in chatbot development and creative personal marketing strategies.

**Technologies:** Python, Aiogram, OpenAI APIs

## SKILLS

- **Programming Languages**

*Python*  
*SQL*

- **Libraries**

*Hugging Face*  
*OpenAI*  
*Anthropic*  
*LangChain*  
*Numpy*  
*Pandas*

- **Vector Databases**

*FAISS*  
*Pinecone*

- **Tools**

*n8n*  
*ElevenLabs*  
*Cursor*

- **Web Development**

*Vibe Coder*

## Interests

- **Chess**
- **Carrom**
- **Cricket**

## Professional Profiles

<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/varadpensalwar">linkedin.com/in/varadpensalwar</a>
<b>Twitter</b>	<a href="https://x.com/PensalwarVarad">x.com/PensalwarVarad</a>
<b>GitHub</b>	<a href="https://github.com/Varadpensalwar">github.com/Varadpensalwar</a>