



Vishal Waghmare

AI Engineer

(1+ Year Experience)

Skills:

- * **Programming Language** : Python
- * **Frameworks & Tools**: Tensorflow, PyTorch, LangChain
- * **Generative AI Technologies**: Open-source and paid LLM models (Llama2, OpenAI, Google Gemini)
- * **AI/ML Techniques** : Fine-tuning with custom data, Vector Embedding, NLP, Neural Network optimization, Machine Learning, Deep Learning.
- * **Others** : Advanced Pandas, NumPy, Docker, Git & GitHub, SQL, Streamlit
- * **Soft Skills** : Analytical thinking, problem-solving, teamwork, effective communication

Certifications:

- Python For Data Science
- Data Analytics with Python
- Python For Data Science & Machine Learning Bootcamp

Academic History:

Bachelor of Engineering 2020-23
Artificial Intelligence & Data Science,
Savitribai Phule Pune University (SPPU).

Work Experience:

AI Engineer,

Automaton AI Infosystem Pvt. Ltd, Pune

◆ ATS Resume LLM APP

- * **Overview** : Constructed Developed an application optimizing resumes for ATS using OpenAI APIs, enhancing match rates for job applications.
- * **Technologies** : OpenAI APIs, Python, AWS, Google Gemini Pro
- * **Outcome** : Achieved a 50% improvement in ATS match rates, increasing users' chances of securing interviews.

◆ Text to SQL LLM App using Llama2

- * **Overview** : Created an app to convert natural language queries into SQL commands using Llama2, improving database accessibility for non-technical users.
- * **Technologies** : Llama2, Python, AWS Bedrock
- * **Outcome** : Reduced query formulation time by over 60%, enhancing productivity for users.

◆ Speech Analysis Project

- * **Overview** : Constructed and optimized a Deep Speech neuralnetwork for audio file classification.
- * **Technologies** : NLP, DeepSpeech2 Neural Network Architecture.
- * **Outcome** : Achieved significant improvements in model accuracy with minimal Word Error Rate (WER) and Connectionist Temporal .Classification (CTC) loss.

