

Sahil Singh

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### Summary:

AI Engineer with extensive experience in developing and deploying AI-driven applications.

Skilled in machine learning, deep learning, and NLP, with expertise in optimizing AI performance and cloud deployment.

### Skills:

- Python, TensorFlow, PyTorch, scikit-learn
- NLP (spaCy, Hugging Face, NLTK)
- Machine Learning APIs (FastAPI, Flask, Streamlit)
- Cloud Deployment (AWS, Google Cloud, Azure)
- MLOps (CI/CD, model monitoring)
- Debugging, optimization, and problem-solving

### Experience:

- Developed AI-driven applications using deep learning models, improving inference speed by 26%.
- Built scalable ML APIs using FastAPI and deployed models on AWS.
- Fine-tuned NLP models for text classification tasks with 92% accuracy.
- Optimized AI model performance, reducing computational costs by 25%.

### Education:

- Master's in Artificial Intelligence, IIT Bombay
- Bachelor's in Computer Science, NIT Trichy

### Projects:

- Implemented an AI chatbot using Transformer models.
- Developed a recommendation system using collaborative filtering.