

SUSHANTMANI TRIPATHI

Navi Mumbai, Maharashtra, India

📞 7719905555 | ✉ sushantmanitripathiji@gmail.com | 🔗 linkedin.com/in/sushantmani-tripathi |
🐙 github.com/SushantmaniTripathi

Objective

AI/ML-focused Computer Science undergraduate (B.Tech, AI/ML specialization) with hands-on experience in deep learning, NLP, and Generative AI. Skilled in model development, data preprocessing, deployment, and API creation. Actively seeking an internship to contribute to impactful ML/AI solutions in a collaborative environment.

Technical Skills

- Languages: Python, C, SQL
- Libraries: scikit-learn, NumPy, pandas, TensorFlow, Keras
- Generative AI: OpenAI API, Hugging Face, LangChain
- Databases: MySQL, PostgreSQL, MongoDB
- Deployment: Flask, Streamlit, Hugging Face Spaces
- Visualization: Power BI, matplotlib, seaborn
- Tools: Git, Jupyter Notebook, Swagger

Projects

Image Classification App <i>TensorFlow, Streamlit</i>	2024
– Built CNN model with 85%+ accuracy and deployed using Streamlit.	
NLP Chatbot with Sentiment Analysis <i>Flask, scikit-learn</i>	2024
– Created sentiment-aware chatbot deployed via REST API.	
Generative AI PDF Chatbot <i>LangChain, GPT-4, FAISS</i>	2024
– Built document-based Q&A bot with LangChain and deployed on Hugging Face Spaces.	
Resume Ranker API <i>Flask, MySQL</i>	2024
– Developed REST API for resume-fit prediction using ML model and MySQL.	

Experience

Edunet Foundation	Dec 2024
<i>AI/ML Intern</i>	<i>Remote</i>
– Improved object recognition model from 78% to 92%.	
– Documented tuning logs and worked on real-world ML pipeline.	
TCS Forage Internship	Dec 2024
<i>Data Visualization Simulation</i>	<i>Remote</i>
– Created Power BI dashboards from Excel data to simulate executive reporting.	
– Analyzed data and presented strategic insights.	

Education

Saraswati College of Engineering, Mumbai University	Aug 2027
<i>B.Tech in Computer Science (AI/ML Specialization)</i>	<i>Navi Mumbai, MH</i>
Gyanodaya Junior College	2022
<i>HSC (Computer Science)</i>	<i>Maharashtra, India</i>

Certifications

- AI Essentials – Udemy
- Python Training – Simplilearn
- Generative AI: Model Generation – NxtWave
- AI Tools Certified – be10x