

Angel

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PROFILE SUMMARY

Machine learning engineer with expertise in Python, TensorFlow/PyTorch, NLP (BERT/GPT) and CNN-based vision systems. Experienced in data cleaning, feature engineering, API-driven model deployment (AWS/GCP) and building scalable ML pipelines.

WORK EXPERIENCE

AI-powered Chatbot for Mental Health Support | (*Python, Pandas, NumPy, Transformer, Scikit-Learn, RAG*)

Marksman Technologies Pvt Ltd

May – July 2025

- Performed data preprocessing, feature engineering, model training and evaluation for production-oriented ML tasks.
- Conducted research and experimentation using Python, Scikit-Learn, Pandas, NumPy and TensorFlow/Keras; documented experiments and model performance.

SKILLS

Programming Languages: Python, MySQL, C++

Frameworks & Libraries: TensorFlow, PyTorch, Scikit-learn, NumPy, Pandas

Tools: Jupyter Notebook, Git, Google Colab, Tableau

AI/ML Expertise: NLP (BERT, GPT, SpaCy, NLTK), Computer Vision (CNNs), Recommendation Systems, Deep Learning (CNNs, RNNs, Transformers), Generative AI (GANs, BERT, GPT)

Model Deployment: Basics of Cloud-based AI (AWS, GCP)

EDUCATION

B.Tech. Computer Science and Engineering

8.8 CGPA

Amity University, Noida

CBSE XII

76%

CBSE X

93%

D.S. Public School, Muzaffarnagar

PROJECTS

CarbonIQ (*React.js, Tailwind CSS, Golang, MongoDB, OpenAI API, NLP, Generative AI*)

[\[Link\]](#)

- Built an AI-driven carbon-tracking platform using NLP and GenAI to analyze users' daily activities and emissions.
- Created an intuitive solution to make personal carbon tracking simple and accessible.
- Developed a full-stack system (React.js, Golang, MongoDB) with custom NLP and GenAI modules for smart recommendations.

Advancing in Healthcare using Generative AI (*GenAI, Model Fine-tuning, NLP, Transformers*)

[\[Link\]](#)

- Spearheaded ML/AI implementation for a healthcare-focused generative AI project during a hackathon.
- Developed a comprehensive chatbot integrating conversational support, disease detection, and translation models.
- Collaborated effectively with a team to deliver an innovative solution aimed at advancing healthcare services.

GourmetGenie (*Python, Flask, Recommendation Systems, Pandas, NumPy*)

[\[Link\]](#)

- Built an AI-powered chatbot suite for personalized food recommendations and mood-based culinary suggestions.
- Integrated chatbots into a custom food website to enhance user engagement and dining exploration.
- Applied machine learning and recommendation algorithms to deliver real-time, tailored food choices

ACHIEVEMENTS

- Earned Silver Elite Status in Cloud Computing (NPTEL) by achieving 88%.
- Successfully participated in AI-Craft 2.1, developing a Personalized Recommendation Multimodals for food delivery.
- Secured second place in CyberCup 4.0 Hackathon, chosen from 700+ participants / 100+ teams; for a real-time anomaly-detection system using machine learning and cloud infrastructure.

AREA OF INTEREST

Deep Learning (NLP & CV) | Scalable ML Pipelines & MLOps | Model Deployment (AWS/GCP)