SANTOSH KUMAR

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Professional Summary

Entry-level Generative AI Engineer and Machine Learning Developer with hands-on experience in AI technologies such as LangChain, OpenAI APIs, and LLMs. Certified through IBM-backed AI Engineer Bootcamp. Built chatbots, image generation tools, and deployed AI applications. Eager to contribute to innovative AI teams with strong coding and model integration skills.

Education

B.Tech in Information Technology
United College of Engineering and Research, Prayagraj (2020 – 2024)
CGPA: 7.19/10

Technical Skills

Languages: Python, C++

Libraries: TensorFlow, Keras, LangChain, OpenAI API

Domains: LLMs, Generative AI, ML, DL

Tools: VS Code, GitHub, Jupyter, Streamlit

Other: RAG, Prompt Engineering, FAISS

Projects

• Gen AI Q&A Chatbot – Built document-based chatbot using LangChain, FAISS & OpenAI (RAG pipeline).
• Text-to-Image Generator – Created AI art tool using OpenAI's DALL·E API & Streamlit for design use cases.
• Boat Recognition System – Trained CNN & MobileNetV2 to classify 9 boat types for mobile deployment.

Certifications

• AI Engineer Master's Program – Simplilearn & IBM
• ML, DL, Advanced Gen AI, Capstone, Data Science with Python, Intro to AI
• C with HTML Training – 2021

Experience

AI Engineer (Project-based), Simplilearn Bootcamp (Nov 2024 – Aug 2025)
• Built real-world AI solutions using LangChain, LLMs, and TensorFlow.
• Developed chatbot, RAG apps, and optimized DL models for deployment.

Achievements & Languages

• Hackerrank 3★ in Problem Solving & C++

• Bronze Medal in School Ranking | ABVP Certificate
• Languages: English, Hindi