

Ankit Singh

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PROFILE

Motivated software engineer with a solid foundation in artificial intelligence and machine learning. Skilled in Python, JavaScript, and C++, with hands-on experience in tools like TensorFlow, Scikit-learn, and LangChain. Passionate about creating AI solutions, particularly those involving generative AI and large language models, to address real-world challenges.

EDUCATION

Universal College of Engineering | 2021–2024

Degree in Artificial Intelligence and Machine Learning (AIML)

- CGPI: 9.15

Pravin Patil College of Diploma Engineering and Technology | 2018–2021

Diploma in Information Technology (IT)

- Percentage: 89.50

CERTIFICATIONS

- LLM Engineering: Master AI & Large Language Models (LLMs), Udemy (December 2024)
- Complete MLOps Bootcamp with 10+ End to End ML Projects, Udemy (October 2024)
- TensorFlow for Deep Learning Bootcamp, Udemy (September 2024)
- Data Visualization in Python, Data Camp (April 2023)
- Complete Python Bootcamp – Go from Zero to Hero in Python 3, Udemy (June 2020)

EXPERIENCE

JIVI AI Solutions Pvt. Ltd.

JIVI Tech specializes in delivering a wide range of innovative software solutions and advanced analytics tailored to the healthcare domain.

- Software Engineer (Intern) – 1 June 2024 – Present

SKILLS

Programming languages:

- Python, C, C++, JavaScript

Frameworks and libraries:

- TensorFlow, Scikit-learn, LangChain, Pandas, NumPy, Matplotlib, Mlops, Bootstrap, React, Express.js

Tools and Platforms:

- Git, GitHub, DVC, SQL, GroqCloud, Hugging Face, Streamlit, DagsHub, Gradio UI

PROJECTS

Content Automation	Arogyajivan June 1 – Present
<ul style="list-style-type: none">Developed a tool using Gradio UI and LLaMA-3.3-70b model via GroqCloud API to create SEO-optimized blogs in HTML and Markdown formats with prompt engineering.Technologies: Gradio UI, GroqCloud API, LLaMA-3.3-70b, Python.Team Size: 6	
Light Weight RAG Application	Freelance November 2024
<ul style="list-style-type: none">Created an Open Source Light weight Retrieval-Augmented Generation application using Hugging Face’s MiniLM for embeddings and TinyLLaMA for conversational AI, with Streamlit as the user interface.Technologies: MiniLM, TinyLLaMA, Streamlit, Hugging Face API, Python.	
DiagramCraft AI	Freelance November 2024
<ul style="list-style-type: none">Built an AI-based application to generate diagrams like ER, activity, and DFD using LLaMA3-70b-8192 model to create UML code and Zlib to convert it into PlantUML images.Technologies: LLaMA3-70b-8192, Zlib, PlantUML, Python.	
README.md Generator	Freelance September 2024
<ul style="list-style-type: none">Created a tool using LLaMA-3.3-70b model on GroqCloud API to generate README.md files. Users can upload a zipped project through a Gradio UI and get a well-formatted README.md in markdown format. It simplifies documentation and saves time.Technologies: llama-3.3-70b-versatile, GroqCloud API, Gradio UI, Markdown, Python.	
Image Q&A Chatbot	Academic September 23 – March 2024
<ul style="list-style-type: none">Developed a chatbot with EfficientNet-b0 and Bidirectional GRU for image analysis and Mixtral-8x7b-32768 for language interaction using GroqCloud API.Technologies: EfficientNet-b0, Bidirectional GRU, Mixtral-8x7b-32768, GroqCloud API, Python.	
Automated Time Sheet System	Freelance March 2023
<ul style="list-style-type: none">Developed a tool to automate time sheet tracking and manage monthly user data to improve productivity.Technologies: JavaScript, Node.js, Bootstrap, HTML, CSS.	

PERSONAL

Name: Ankit Rajesh Singh
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Date of Birth (DOB): 18/09/2002
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I hereby declare that the above-mentioned information is true to the best of my knowledge and I bear the responsibility for the correctness of the mentioned details.

Place: Mumbai.
AnkiSingh