

Kritika Giri

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EDUCATION

Vivekananda Institute of Professional Studies

BTech in Artificial Intelligence and Machine Learning, Pursuing, Sem 6th-8.75/10

Pitampura, New Delhi

Oct. 2021 – Jul. 2025

Carmel Convent School

Physics, Chemistry, Maths, Biology, German, English

Chanakyapuri, New Delhi

Apr. 2014 – Apr. 2021

EXPERIENCE

Contributor

GirlScript Summer of Code

Sep. 2024 – Nov. 2024

Remote

- Contributing to open-source projects in various domains, focusing on improving project functionalities and user experience.
- Leveraging skills in HTML, CSS, JavaScript, and React.

Frontend Developer Intern

Meenakshi Designs

Jun. 2024 – Aug. 2024

New Delhi

- Developed responsive web interfaces for an interior design website using HTML, CSS, and JavaScript, enhancing UX.

AI Developer Intern

Coding Ninjas

Feb. 2024 – May 2024

Gurugram

- Created a custom AI chatbot for educational queries, leveraging prompt engineering to ensure accurate and contextually relevant responses.
- Collaborated with senior developers to design machine learning algorithms

PROJECTS

Spatial Network Visualization Webpage | JavaScript, CSS, HTML

Oct 2024

- Developed a beginner-friendly webpage for first-year B.Tech students at **IIT Roorkee** to showcase spatial network images.
- Designed an instructional handbook tailored for beginners, simplifying technical concepts and guiding students through the process of creating and managing web content effectively.

Hybrid CNN-Transformer Model for Optimized Crop Management | Python, Streamlit

Sep 2024

- Developed a hybrid deep learning model combining CNN and Transformer architectures for automated crop recognition, health evaluation, and disease prediction and achieved high accuracy

Travel and Tour Website | React.js, CSS, HTML

Feb. 2024

- Developed a clean and responsive travel and tour website using React.js, incorporating modern UI elements and animations to enhance user engagement.

Twitter Sentiment Analysis | Python, NumPy, Pandas, Scikit-learn, Tensorflow, Keras

Dec. 2023

- Devised a sentiment analyzer to identify the sentiments of tweets.
- Implemented a neural network using Tensorflow to overcome the challenges of text sentiment analysis

CERTIFICATIONS AND COURSES

Supervised Machine Learning: Regression and Classification

Focused on foundational machine learning techniques, including regression and classification

DeepLearning.AI

Jul. 2024

NodeJS

Covered backend development using Node.js and web development fundamentals

IBM

Oct. 2023

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, HTML, CSS,

Frameworks: Tensorflow, Bootstrap

Developer Tools: Git, VS Code, Jupyter, Google Colab

Libraries: pandas, NumPy, Matplotlib, Scikit-learn, Streamlit, Keras, React.js