

KRITIKA OJHA

Greater Noida, India

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🌐Kritika Ojha

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java

Developer Tools & IDEs: VS Code, Jupyter Notebook, Arduino

Technologies & Frameworks: OOP Principles, AI, Robotics

Data Science & Analytics: NumPy, Pandas, Matplotlib

Web Development: HTML, CSS, JavaScript

Languages: Fluent in English, Hindi, Bengali

Soft Skills: Public speaking, problem-solving, leadership

EDUCATION

Mangalmay Institute Of Engineering and Technology

2023-2027

Bachelor of Technology (B.Tech) in Computer Science and Engineering

GPA – 8.4 Greater Noida, UP

Jagat Taran Golden Jubilee School

2022-2023

Class 12 in CBSE Board

Score – 78% Prayagraj, UP

Jagat Taran Golden Jubilee School

2020-2021

Class 10 in CBSE Board

Score – 94% Prayagraj, UP

PROJECTS

RAGrade(Mistral, Tesseract)

April 2025-Present

- Developing a Retrieval Augmented Generative Artificial Intelligence (RAG AI) to automate the examination assessment system with 90% accuracy and 80% time reduction using Tesseract Optimal Character Recognizer (OCR) for reading the data and Mistral Large Language Model (LLM) to provide an extensive field of knowledge.

Helping Bot (Arduino)

March 2025-May 2025

- Worked on an Arduino based robot car with bluetooth and sensor based automation which can be controlled via a phone or automated.

NLP-based Python program

January 2025-February 2025

- Created a natural language processing based spell checker using TextBlob module in python.
- Made a real time multilingual translator with >90% accuracy in common phrases using Translate module.
- Built a training machine that uses Naïve Bayes for text classification which achieved 85% accuracy.

Pokedex (Python, PokeAPI)

November 2024-December 2024

- Developed a responsive Python-based Pokedex integrating PokeAPI, capable of retrieving data for 500+ Pokemon in real time with an average response time under 2 seconds.

PROFESSIONAL EXPERIENCES

Google Developers Group 24hrs Hackathon

May 2025

- Participated as a solo participant in top 50 teams in a 24hrs hackathon conducted by GDG Students Chapter in ABESEC, Ghaziabad.

Python Internship- TaskVeda

February 2025-March 2025

- Completed 3+ data analysis mini-projects using NumPy, Pandas, and Matplotlib, demonstrating >80% accuracy in predictions.

Cyber Security Bootcamp- YHills

January 2025

- Hands-on experience in security assessments and basic knowledge on penetration testing.

Agnirva ISRO Internship

December 2024-January 2025

- Gained insight on advancements of AI and robotic applications in space and technology.

Drone Technology Bootcamp- Advect Skills

November 2024-December 2024

- Trained in UAV operations, AI-based object tracking, and navigation.

SAWIT.AI Learnathon

September 2024

- Generative AI training by GUVI, HCLTech, AICTE, and NASSCOM.

COURSEWORK / SKILLS

Data Structures Algorithms, Operating Systems, OOPS, Programming

CERTIFICATIONS

Cisco CyberSecurity Certification

- Certified participant of Cisco Cyber Security Workshop.

IBM SkillsBuild Certification

- Certified participant of IBM SkillsBuild Workshop.

Accenture Software Engineering Job Simulation Certification

- Certified participant of Software Engineering Job Simulation with Accenture and Forage.

Infosys Springboard Certification

- Certified participant of Infosys Springboard Prompt Engineering for Developer.