KALINDI MISHRA

EDUCATION

BACHELOR OF TECHNOLOGY IN ARTIFICIAL INTELLIGENCE AND ROBOTICS
MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR (M.P.)   **2022-2026 | CGPA: 8.65**
CARMEL CONVENT SCHOOL, GWALIOR (M.P.)   **2020 | 89.4% X (CBSE**
SANSKAR PUBLIC SCHOOL, GWALIOR (M.P.)   **2022 | 86.6% XII (CBSE)**

INTRODUCTION

A dedicated software developer proficient in C++, Python, and Data Structures & Algorithms (DSA). Experienced in solving complex problems using machine learning, web development, and data analysis. Expertise in data analysis with tools like Power BI and Excel, transforming raw data into actionable insights and visualizations. Skilled in hardware-software integration with sensors and microcontrollers. Eager to join innovative teams addressing real-world challenges. Committed to continuous improvement and driven to leverage my skills in data science, software development, and sustainability to achieve impactful results.

PROJECTS

FACIAL RECONSTRUCTION FROM LOW-RESOLUTION CCTV FOOTAGE, PYTHON | OPENCV | TENSORFLOW| KERAS | NUMPY | PANDAS
Developed a deep learning model for reconstructing high-quality facial images from low-resolution CCTV footage, addressing challenges like motion blur, poor lighting, and low resolution. The model was fine-tuned to enhance facial features and restore image clarity, achieving significant improvements in facial detail restoration. The project served as a Proof of Concept (POC) for a competitive challenge, demonstrating the potential of machine learning in reconstructing accurate facial images from low-quality CCTV footage.

POWERBI DASHBOARD, EDTECH STARTUP DATA ANALYSIS

Developed a Power BI dashboard for an EdTech startup, conducting comprehensive data analysis. Gained proficiency in problem-solving, M language query writing, and logic building. Analyzed both numerical and categorical data to deliver actionable insights, enhancing the decision-making process for the startup.

BOOK RECOMMENDATION SYSTEM, PYTHON | COLLABORATIVE FILTERING | COSINE SIMILARITY | FLASK | PYCHARM Developed a machine learning-based book recommendation system utilizing collaborative filtering and cosine similarity to provide personalized suggestions to users. Designed an intuitive user interface using Flask on PyCharm, enabling seamless interaction and dynamic recommendations. The model was fine-tuned to improve recommendation accuracy and enhance user experience, demonstrating the potential of machine learning in building smart recommendation engines.

TECHNICAL SKILLS

- **LANGUAGES**: Python, SQL, C++.
- **DATA SCIENCE & MACHINE LEARNING**: Scikit-learn, NumPy, Pandas, TensorFlow, Keras, OpenCV,PyTorch.
- **DATA VISUALIZATION**: Matplotlib, Seaborn, Power bi.
- **IT CONSTRUCTS**: DS and Algorithms, OOPS, Operating System, DBMS.
- **DEVELOPMENT TOOLS**: Jupyter Notebooks, GitHub, VSCode, Pycharm.
- **WEB DEVELOPMENT:** - HTML, CSS, javascript, Flask.
- **AI APPLICATION DEVELOPMENT:** Hugging Face, LangChain

ACHIEVEMENTS

- Management team Co-ordiantor of **I.S.T.E Student Chapter, MITS**
- Technical team member at **The Speaker's Club, MITS**
- Max Rating 1230 on Codechef.
- Achieved a **90% score** in the Python Programming course from **Coding Ninjas.**
- Achieved a **60% + score** in the Data Structure and Algorithm course from **Coding Ninjas**

CERTIFICATION

- **Certificate of Excellence**: Python Programming by Coding Ninjas
- **Certificate of Participation: Flipkart Grid 6.0** – Software Development Track
- **Certificate of Completion** "**Generative AI Course**" by **Google**.