KALINDI MISHRA

Kalindimishra2626@gmail.com| 8989475670

https://github.com/Kalindi26
https://leetcode.com/u/KalindiMishra/
kalindimishra2 | CodeChef User Profile for kalindimishra2 |CodeChef
(5) Kalindi Mishra | LinkedIn

EDUCATION

BACHELOR OF TECHNOLOGY IN ARTIFICIAL INTELLIGENCE AND ROBOTICS
MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR (M.P.)   **2022-2026 | CGPA:8.56**
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

IMPACT OF ELEVATED MODULE TEMPERATURES ON CO2 MITIGATION IN PV SYSTEMS, PYTHON | DATA ANALYSIS

Investigated how elevated module temperatures affect the CO_2 mitigation potential of photovoltaic (PV) plants. Analyzed historical temperature and performance data to model efficiency losses and assess their impact on CO_2 reduction. The findings underscore the importance of thermal management strategies to enhance PV system efficiency and sustainability, contributing to global clean energy goals.

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.

TECHNICAL SKILLS

- **LANGUAGES**: Python, SQL, R, C++.
- **DATA SCIENCE & MACHINE LEARNING**: Scikit-learn, NumPy, Pandas ,TensorFlow, Keras, OpenCV.
- **DATA VISUALIZATION**: Matplotlib, Seaborn, Power bi.
- **IT CONSTRUCTS**: DS and Algorithms, OOPS, Operating System, DBMS, Computer Networks.
- **DEVELOPMENT TOOLS**: Jupyter Notebooks, GitHub , VSCode.
- **WEB DEVELOPMENT :-**HTML,CSS, javascript ,Bootstrap.

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.
- Solved 100+ questions on Leetcode.
- 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**.