ARKAPRABHA RAKSHIT

Contact no : 9007511656 | email : arkaprabharakshit@gmail.com
|location : Bhubaneswar | linkedin | github | portfolio|

EDUCATION

B.Tech in Computer Science
KIIT University
September 2022-present
CGPA 7.2

Minor degree in Artificial Intelligence
Indian Institute of Technology
Ropar
October 2024-present

B.D.M.INTERNATIONAL
12 Board CBSE Score 89%
10 Boards CBSE Score 95%

EXPERIENCE

INDIAN OIL CORPORATION LIMITED (IOCL), Website Developer Intern, (June 2025 - July 2025)
Worked with Mr Parth Pratim Das and developed a Web Application on flask for asset management for tracking purpose .Implemented user-friendly interfaces with responsive design, ensuring cross-browser compatibility and improved user experience for asset monitoring and updates.

ISI KOLKATA, Data Science Intern, (February 2025 - April 2025)
Worked with Dr Subhasis Sarkar and Avishek Dutta who are working on a residual cancer detection project at Sagar Dutta Hospital. I worked with the team to develop a frontend UI for the project and integrated AI for detecting symptom based medical diseases and providing necessary recommendations.

COGNIFYZ Technologies, Business Analyst Intern, (November 2024 - January 2025)
Conducted comprehensive data analysis using SQL and Python to identify trends and generate actionable insights, contributing to business strategy development.

PROJECT EXPIRIENCE

Uber Trip Analysis (Data Analytics)
This Uber Trip Analysis dashboard provides insights into **103.7K bookings**, highlighting trip value, distance, time, and payment modes. It identifies peak booking days across **7 days**,, preferred vehicle among **5 different types**, and popular pickup/drop-off locations across **2400 hrs**. Key metrics like average trip duration and farthest trips enhance decision-making and analyze customer preference trends.

Symptom-based Medical Recommendation Model (Machine Learning)
The Medical Recommendation System is an AI-driven healthcare model designed to predict diseases based on user-inputted symptoms and provide relevant medical recommendations. The system employs a Support Vector Classifier (SVC) to classify diseases accurately and suggests medications, dietary plans, and workout routines. It has an accuracy of **100 percent.**

Track with IT (Web development with Flask)
Developed a full-stack IOCL Asset Management web application using Flask, HTML, CSS, and JavaScript to streamline asset tracking, location-wise data management, and reporting. Integrated dynamic Excel data loading and real-time filtering, enabling efficient asset visibility and search functionality across **1000 plus IOCL locations** transferring **10 plus different kinds of assets**

ACHIEVEMENTS

- **Crowd Funding Associate,** (July 2024 - Aug 2024) Social Services, Muskurahat Foundation
- **Presented Research Papers at conferences,**
  - Published high-impact papers, titled "**A Tactical Traffic Management Solution for Smart Cities using Reinforcement Learning"** in the **8 th International Conference on Innovative Computing and Communication (ICICC-2025).**
  - **"A Cloud based Architecture for Early Detection of Heart Disease with Machine Learning Algorithms"** presented at the **2 nd International Conference on Computing Systems and Intelligent Applications (ComSIA- 2025).**

TECHNICAL SKILLS AND CERTIFICATIONS

Flask
CSS
HTML
SQL
Excel
Data Visualization
Python
Power BI

Data Analyst (*Accenture)*
Strategy and Game theory for Management *(IIM Ahmedabad)*

Programming with generative AI (*IIT Guwahati)*
Business Analytics and Decision Making *(University of Colorado Boulder)*

SOFT SKILLS

Leadership (McKinsey Forward Program Graduate), Interpersonal communication , Team management, Problem solving, Critical thinking, Creativity , Time management