GULSHAN KUMAR

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EDUCATION

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY   Bhubaneswar, Odisha
Bachelor of Technology   Expected June 2026
Major in Information Technology | Cumulative GPA: 8.14/10
Relevant Coursework: Data Structures, Object Oriented Programming, Databases, Operating Systems,
                                    Data Analytics (Power BI), Artificial Intelligence, Big Data, Software Engineering,
                                    Computer Network, Design and Analysis of Algorithms

MODERN PUBLIC SCHOOL   Motihari, Bihar
Senior School Certificate | Cumulative Percentage: 78.2%   Jun 2019 - Jul 2021

EXPERIENCE

SMART INDIA HACKATHON 2023   Sep 2023
- Proposed solution against PS 1402 to assist patients suffering from tinnitus by identifying and adjusting frequencies for relief.
- Qualified among the top 50 teams in the internal hackathons out of 200 participating teams.

PROJECTS

PREDICT BAY   Jun – July 2024
- Trained various Machine Learning Models such as Linear Regression, Ridge Regression, Support Vector Regression, Decision Tree Regression, Gradient Boost Regression and Stacking Regression to predict the price of houses in California.
- Successfully managed to achieve the best R2 score of 0.897 using the Gradient Boost Regression Model.
- **Github Repo:** https://github.com/flyingelephhant/Predict-Bay

THE GREAT ROBBERY APP   Aug 2024
- Utilized Java to implement object-oriented programming (OOP) principles such as classes, inheritance, abstraction, encapsulation and polymorphism.
- Developed the logic for robbery success rate based on random number generation and gang's expertise, and implemented police pursuit using probability to catch criminals.
- **Github Repo**: https://github.com/flyingelephhant/The-Great-Robbery-App
- **Tech Stack**- Java

TECHNICAL SKILLS

- **Languages:** Java, Python, C, SQL, HTML, CSS
- **Developer Tools:** Git, GitHub, VS Code, APIs, Jupyter Notebook
- **Technical Domains**: Machine Learning

KEY HIGHLIGHTS

- Solved over 150 problems across various coding platforms. such as Leetcode, GeeksForGeeks and CodeForces.
- Effectively managed to achieve 3 Leetcode Badges in 2024, including two monthly Badges for solving POTD.
- **Leetcode:** https://leetcode.com/u/runningfalcon

ACTIVITIES

- **Organizing Committee Member at KIIT Fest 7.0:** Successfully organized tech event Bits and Brain; effectively managed 70+ team participation.