MADHUMITHA K

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PROFILE	Results-driven Computer Science student adept in Java, Python and C programming, with hands-on experience in web development using HTML, CSS, and PHP. Accomplished in creating practical applications, including a peer-to-peer product management system and a Career Guidance System. Proficient in database management and GUI development. Actively engaged on platforms like HackerRank, GitHub, and LeetCode, showcasing a commitment to continuous learning.
EDUCATION	**B.E COMPUTER SCIENCE** *RAJALAKSHMI ENGINEERING COLLEGE - Chennai* GPA: 8.09
SKILLS	Java, Python, C, MySQL, HTML, CSS, JavaScript, PHP
WEBSITE LINKS	● GitHub: https://github.com/MadhumithaK05 ● LinkedIn: https://www.linkedin.com/in/madhumitha-k-960b31227/ ● LeetCode: https://leetcode.com/Madhumitha_K/ ● HackerRank: https://www.hackerrank.com/madhumitha_k05
PROJECTS	1. **Food Ordering System** The Food Ordering System is a user-friendly online platform for students to purchase food items, utilizing HTML, CSS, PHP, and JavaScript for registration and login. 2. **Career Guidance Project**: Developed a comprehensive career guidance platform under Naan Mudhalvan scheme utilizing machine learning algorithms to assist students and job seekers in making informed career choices. 3. **Peer-To-Peer Product Management System** The Peer-To-Peer Product Management System is a web platform designed for students to buy, sell, rent, request products from their peers and chat. The system is developed using HTML, CSS, PHP, and JavaScript. 4. **Stellar Classification :**A comparative study of machine learning models for stellar classification using Kaggle data demonstrates their effectiveness in distinguishing between dwarf and giant stars through meticulous data preprocessing and feature selection. 5. **Simple GUI Calculator using Python** A graphical user interface (GUI) calculator built using Tkinter in Python. Performs basic operations like addition, multiplication, subtraction, and division. 6. **GUI Bakery Billing System using Swing** An automated system designed for a bakery to generate customer bills. The bill includes identification details and transaction amounts. Developed using Swing. 7. **Mobile Music Player App**: Designed and developed a mobile application for music playback, incorporating user-friendly features and an intuitive interface.The App is built using Kotlin.
CERTIFICATIONS	● NPTEL Artificial Intelligence Search Methods for Problem Solving ● NPTEL Joy of Computing using Python : Achieved Top 1% and secured a gold medal in the NPTEL course.