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|  | **EDUCATION:**LOYOLA INSITUTE OF TECHNOLOGY (2020-2024)  B tech (IT)  CGPA: 7.2 **SKILLS:**  * Python * JAVA * JavaScript * HTML * CSS * SQL   **COMMUNICATION:**   * **English** * **Tamil**   **CERTIFICATIONS:**   * JavaScript * Python zero to hero * Python training * Power bi Workshop * AI in Unmanned Vehicles | LOKESHWAR R  **IT DEVELOPER**  Email: lokeshram310@emaildomain  Phone number: (+91)7806903918  Address: pondicherry-605001 |
|  | **SUMMARY:**  * I am an enthusiastic recent graduate with a degree in Information Technology and a passion for software development and web development. * Intermediate in Java and Python. * Eager to contribute to a dynamic team and apply problem-solving skills in a collaborative environment   **PROJECT:**   * TITILE: OPTIMIZING AGRICULTURAL YIELD APPROACH WITH SCIKIT-LEARN * DOMIAN: Machine Learning, Data Science * A crop recommendation system using Scikit-learn can be designed to assist farmers in making data-driven decisions about which crops to plant based on various factors like soil type, climate, and historical crop performance. Scikit-learn is a popular machine learning library in Python, offering a wide range of tools for classification, the farmers to maximize the crop yield as well as suggest the most profitable crop for the specific region. The proposed model provides crop selection based on economic and environmental conditions, and benefits to maximize the crop yield that will subsequently help to meet the increasing demand for the country's food supplies. The predicts the crop yield by studying factors such as State, District, area, season. The system also helps to determine the best time to use fertilizers. The user provides a State, District, Season, Crop and Area as inputs for Production. The user provides a State, District, Season and Area as inputs for Crop Recommendation. According to the requirement, the model predicts the crop yield for a specific crop. The model also recommends the most profitable crop and suggests the right time to use the fertilizers. The main objective is to obtain a better variety of crops that can be grown over the season. The Crop Recommendation System (CRS) utilizing Machine Learning (ML) techniques is designed to provide accurate and personalized crop recommendations to farmers based on data analysis and predictive modeling. By harnessing the power of ML algorithms, the CRS aims to improve crop selection decisions and optimize agricultural productivity. |