

CAREER OBJECTIVE

Highly analytical and detail-oriented Data Analyst with a strong foundation in data analysis, statistical modeling, and data visualization. Proficient in leveraging data to drive strategic business decisions and improve operational efficiency. Seeking to apply skills and knowledge in a dynamic organization where I can contribute to data-driven decision-making processes, enhance data accuracy, and optimize performance metrics. Passionate about uncovering insights from data and delivering actionable recommendations to stakeholders.

EDUCATION

Course	College/University	Year	CGPA/%
Btech	Kongu Engineering College	2026	0

PROJECTS

- Plant Disease Prediction:** The Plant Disease Prediction project is a machine learning-based system designed to identify and classify plant diseases from leaf images. The project aims to assist farmers and gardeners in diagnosing plant health issues early, ensuring timely intervention and treatment. The system leverages deep learning techniques, specifically convolutional neural networks (CNNs), to analyze and classify diseases.

Technologies: ravia, ibda, dbaihs

Functionality: Image Upload: Users can upload images of plant leaves through the web interface or mobile app. The system accepts images in various formats, including JPEG, PNG, and more. Disease Detection and Classification: The core functionality is the real-time analysis of uploaded images. The model, trained on a diverse dataset of diseased and healthy leaf images, identifies the disease by analyzing visual patterns. It provides accurate classification along with a confidence score. Disease Information and Treatment Recommendations: Upon successful classification, the system provides detailed information about the identified disease, including symptoms, causes, and potential impacts. Additionally, it offers treatment recommendations and best practices for managing the disease. User Feedback and Model Improvement: Users can provide feedback on the accuracy of the predictions. This feedback is valuable for continuous model improvement and updates, ensuring the system remains accurate and up-to-date with new disease data. Data Visualization and Analytics: The system includes a dashboard that visualizes data trends, such as the frequency of different diseases detected, geographical distribution, and time-based analysis. This information helps stakeholders understand disease patterns and prepare for potential outbreaks. Multilingual Support: To cater to a diverse user base, the application supports multiple languages, making it accessible to users from various regions and linguistic backgrounds.

TECHNICAL SKILLS