



KIRAN KUMAR DEVARAPALLI

PALAKOLLU, Andhra Pradesh • +91 93467 64205 • kirankiruu232@gmail.com •
linkedin.com/in/kiran-kumar-devarapalli-972709233 • https://github.com/kiruukiran232

To enhance my professional skills, capabilities, and knowledge in an organization that values hard work and trusts me with responsibilities and challenges, aiming to contribute to a 25% increase in team efficiency through innovative solutions and dedicated effort.

PROJECTS

Cyber-Secured Loan Approval Prediction System

- My methodology uses advanced privacy technology Homomorphic Encryption, which includes private and public key encryption. It ensures the confidentiality of sensitive financial data during machine learning model construction. Secure homomorphic encryption combined with logistic regression minimizes the risk of data breaches when sharing data with cloud service providers or third parties. I achieved a 78% accuracy while upholding the highest standards of privacy, and I carefully balance model accuracy and data privacy

Health Management System

- Developed a robust Health Management System with user authentication and authorization features.
- Designed intuitive user interface and integrated various modules including patient records and appointment scheduling.
- Expert in crafting personalized food diets tailored to individual BMI levels, optimizing nutrition intake, supporting weight management goals, and mit

Traffic Sign Recognition using Machine Learning

- Developed a Traffic Sign Recognition system utilizing machine learning techniques. Preprocessed and augmented traffic sign images for effective training data.
- Implemented convolutional neural networks (CNNs) using TensorFlow to classify traffic signs.
- Achieved 92% on the test dataset through rigorous model evaluation and optimization.

CERTIFICATIONS

The Complete Java Course: From Basic To Advanced

Udemy

Completion of Python and Django Framework complete Course

Udemy

completion of Azure Fundamentals exam(AZ900)

Microsoft

introduction to html, css, javascript by IBM

Coursera

completion of DataBase Management System

Udemy

completion of OOPs Through C++

Udemy

DECLARATION

I hereby declare that the Information given above are genuine to the best of my knowledge and belief

EDUCATION

B Tech/Cse

Sri Vasavi Engineering College

GPA: 8.04

12/2021 - 04/2025

Intermediate

Aditya Junior College

GPA: 8.08

01/2019 - 12/2021

Secondary School

Sunshine School

GPA: 8.8

01/2018 - 12/2019

SKILLS

Soft skills good
communication skills Active
participation in activities

Technical skills:: C, C++,
Data Structures, Java, Python

Client side skills:: CSS,
HTML, JAVASCRIPT,
REACTJS

Server side skills:: Django,
MONGODB, MYSQL,
NodeJs, ORACLE

PUBLICATIONS

Cyber-Secured Loan Approval Prediction System •

03/2024

ICAAAI