



# KIRAN KUMAR DEVARAPALLI

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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: 7.98

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

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