



# Venkat Ragavan

## Software Engineer

Skilled web developer with experience in building websites using HTML, CSS, and JavaScript. Able to create clean, responsive designs and add interactive features. Focused on writing good code and creating user-friendly websites.

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📍 Vellore, India

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## EDUCATION

### B.E Computer Science And Engineering

Kingston Engineering College

07/2019 - 04/2023

Vellore, India

COURSE DETAILS

- CGPA : 8.88/10
- First Class With Distinction

### XII STANDARD

Shrishti Vidyashram

Percentage: 79.8%

### X STANDARD

Vidyaniketan Matric HR Sec School

Percentage: 92.8%

## WORK EXPERIENCE

### Mathematics Instructor

Otomatiks

11/2023 - 12/2023

Vellore, India

Details

- Taught Mathematics as a Part-Time Instructor for students from Grade 1 - 5

## SKILLS

HTML

CSS

Java

C++

Git

OOP

Data Structures

Software Engineering

Cloud Computing

## PROJECTS

### Efficient Classification Of Diabetic Retinopathy Using Binary CNN

- Developed an efficient and hardware-friendly model for Diabetic Retinopathy (DR) classification using large-scale fundus images
- Contributed to early detection efforts for DR, a rapidly spreading condition that can lead to vision loss if untreated
- Optimized model performance for real-world deployment, emphasizing scalability and medical relevance

### Car Resale Value Prediction

- Developed predictive modeling techniques to forecast car resale values with high accuracy
- Enabled data-driven decision-making for buyers and sellers in the dynamic automotive market
- Improved market efficiency by providing insights into future vehicle valuation trends

### Visualising And Forecasting Of Stocks Using Dashboard

- Designed interactive visualizations of share prices and key statistical indicators to support informed investment decisions
- Enabled investors to analyze market trends and evaluate potential returns across various companies
- Aimed to enhance strategic decision-making in stock investments, known for delivering high market returns

## CERTIFICATES

### ICT Academy (IBM Developer Skills Network) (02/2023)

Built a Data Science project on Diabetic Retinopathy for ICT Academy - IBM Developer Skills Network.

### Startup Fair (Gravitas 22) (09/2023)

Participated in Startup Fair organized by Vellore Institute of Technology.

## INTERESTS

Web Development

Git

Linux

PC Hardware

Data Science

Data Analysis