

# VISHAL N

## CONTACT

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## EDUCATION

### B.TECH INFORMATION

#### TECHNOLOGY

SRM Easwari Engineering  
College, Chennai

NOV 2022 - MAY 2026

### 12<sup>TH</sup> GRADE

Ryan International School,  
Sriperumbudur

APRIL 2022

### 10<sup>TH</sup> GRADE

Hayagriva Vidhyashram  
School, Sriperumbudur

APRIL 2020

## SKILLS

- PostgreSQL
- Firebase
- JAVA
- HTML & CSS
- UI/UX

## LANGUAGES

- English: Fluent
- Tamil

## PROFILE SUMMARY

Aspiring Full Stack Developer, UI/UX Designer and AI Enthusiast with a solid foundation in web development and a keen interest in Machine Learning and Computer Vision. Passionate about building intuitive, scalable applications that combine smart design and intelligent systems.

## PROJECTS

### Major Projects

#### Smart Cycle Rental App – Flutter + Firebase

Developed a cross-platform app with real-time cycle booking, live tracking and secure lock/unlock control.

#### SymphonyGraph: A Neuro-Symbolic Framework for Semantically-Grounded Optical Music Recognition (Final Year)

Research-based Optical Music Recognition model combining Transformer and CNN with attention mechanisms.

#### Signature Detection System

Developed a signature extraction tool using YOLOv8-OBB trained on a custom dataset to detect both handwritten and digital signatures in document images.

#### Parking Slot Detection System

Developed a parking slot detection system using YOLOv8.

#### Intelligent Document Analysis

An implemented AI-driven system that automates document classification, data extraction, and validation using integrated OCR and ML modules.

### Minor Projects

- Portfolio Website
- Travel Planner
- Fitness Tracker App

## ACHIEVEMENTS

- Research Intern, College R&D Cell
- Successfully launched and deployed multiple AI/ML and automation based real-world projects.

## LEADERSHIP

- Led cross-functional tech teams in R&D Cell projects.
- Mentored juniors and managed communication as Research Intern.