

# MAHIN SHARON

# FULL STACK DEVELOPER

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## SUMMARY

A highly motivated and detail-oriented Full Stack Developer with expertise in React.js, JavaScript, HTML, CSS, Material UI on the frontend, along with Node.js, Express.js, and MongoDB for backend development. Keen interest in building efficient and scalable web applications. Looking for an opportunity to apply my knowledge and grow as a developer.

## TECHNICAL SKILLS PROJECTS

HTML,CSS,Java Script	React JS	Node JS
Express JS	Mongo DB	Python
Tailwind CSS	Material UI	

PROJECTS

Deep Learning: Driven Image Classification for Supermarkets 2024

This project focuses on deep learning-driven image classification to automate the sorting of supermarket products into fruits, vegetables, and packaged goods. It uses Convolutional Neural Networks (CNNs) to extract visual features from product images and Recurrent Neural Networks (RNNs) to analyze textual descriptions.

Chess Game Using Sockets and Pygame 2023

This project is a multiplayer chess game built using Python, Pygame (for the game interface), and Sockets (for network communication between two players).

Driver's Drowsiness Detection Project 2023

The Driver's Drowsiness Detection system is an AI-powered project designed to monitor a driver's alertness and detect signs of drowsiness. It helps prevent accidents caused by fatigue by using computer vision and machine learning to track eye movement (Eye Aspect Ratio (EAR) Calculation), facial expressions, or head posture.

## EDUCATION

## **Bachelor of Technology (B.Tech) in Computer Science Engineering**

SRM University of Science and Technology,Chengalpattu,Percentage - 64.6 %

Class 12 - Matriculation State Board 2020

Vimala Matriculation Higher Sec., School, Tiruchirappalli,Percentage - 58 %

Bachelor of Design in Process Engineering 2018

St Francis Assisi Matriculation High School, Kanyakumari Percentage - 78.2 %

#### **ADDITIONAL INFORMATION**

- **Languages:** English, Tamil
  - **Certifications:** Supervised Machine Learning:Regression and classification in stanford university online, HackerRank Python