

MAANASA PRATHAP CHANDER

☎ +91-8610370570 | ✉ maanasaprathapchander@gmail.com | [in LinkedIn](#) | [Github](#) |

EDUCATION

Madras Institute of Technology, Anna University
B.E Computer Science and Engineering

Chennai, Tamil Nadu
Sept 2022 - Present

- Cumulative GPA : 7.91/10.0

GEMS Our Own English High School
(Affiliated to Central Board of Secondary Education)

Dubai, UAE
Apr 2022

- Higher Secondary Percentage : 91.00 ; Score : 455/500
- Senior Secondary Percentage : 91.40 ; Score : 457/500

PROJECTS

Career Chronicle: Personal Portfolio Project [↗](#) | [HTML](#), [CSS](#), [JavaScript](#), [IDE - VS Code](#) (03/24 - 07/24)

- Developed a **sleek and responsive** personal portfolio website and hosted using **serverless Zoho Catalyst**
- Optimized for both **desktop and mobile devices** to ensure an engaging user experience.

MarketPro: Advanced Stock Forecasting [↗](#) | [Python](#), [R](#), [IDE - Jupyter Notebook](#), [Anaconda](#) (09/23-11/23)

- Developed a stock price prediction project that involves **estimating future stock prices** based on historical data in an **Anaconda Environment**
- Applies **data science** techniques to **deploy predictive models**.
- Demonstrates the practical application in solving real-world problems in domains like **financial Technology** and **Algorithmic Trading**.

ESP32-CAM Enhanced Autonomous Security Patrol Car [↗](#) | [C++](#), [Arduino Framework](#) (09/23-12/23)

- Built a project that involves building a **remote-controlled car** equipped with a camera for **surveillance purposes**.
- Allows users to remotely control the car over **Wi-Fi**, **view live video footage** using **ESP32 libraries**
- Implemented **WebSocket protocols** to facilitate seamless, **real-time exchange of data**

ElectroSpin: LED Roulette in Action [↗](#) | [LED array](#), [Micro-controller Unit](#), [PCUs](#), [PCBs](#) (09/23-11/23)

- Developed an **electronic roulette wheel simulator**
- It functionality of a traditional roulette wheel using a microcontroller-based circuit..
- The simulator consists of an **array of LEDs** arranged in a circular pattern to represent the numbers on a roulette wheel
- The system provides **visual feedback** through the LEDs to indicate the winning number once the wheel stops, replicating the excitement of a real roulette game.

TECHNICAL SKILLS

- **Programming Languages:** C++, C, Python, Java
- **Database:** Oracle SQL , My SQL
- **Data Science and Miscellaneous Technologies:** Data Science Pipeline(collection, cleansing, visualization, modeling, interpretation), Statistics, Hypothesis Testing,AWS, Arduino Frameworks
- **Technologies/Frameworks:** HTML5, CSS3, JavaScript, Angular, React, Express, NodeJS
- **Soft Skills :** Design thinking, Decision making, Multitasking, Time management and Communication, Leadership, Event management, Adept skills in MS office tools.
- **Areas of interest:** Web Development, Data Structures, Data Base Management, Application Development, Machine Learning, Data Analytics

SCHOLASTIC ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- **UI-UX DEVELOPER - Web Team of Personality Development Association** of MIT, Anna University (09/2023 - present)
- Active Member of **Web Team – TED Club of MIT** of MIT, Anna University (06/2024 – present)
- Member of **Internal Affairs – Anna University Entrepreneurship Club** (09/2023 - present)
- **1st Runner Up in 14th National Cognitive Arithmetic** and listening skills Competition, 2017 (UAE)
- **3rd Placing in 21st International Cognitive Arithmetic Competition**, 2016 (UAE)