



# IYAPPAN M

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Full Stack Developer

[Github](#)

[Web](#)

[Medium](#)

[Dev.to](#)

## ABOUT ME

Experienced in software development, Deep understanding about programming. More care about structure, modularity, code reusable, time & space complexity & well understanding about threading & memory safe. ability to work with future development technologies. Good Communication with Public Speaking.

## EXPERIENCE

### CHADURA TECH PVT LIMITED

2023 - 2024 / **Current**

1+ Years of Experience working as a Full Stack Developer

## EXPERTISE

**Programming:** Rust, JS, Python, Solidity

**Web Frameworks:** Django & (DRF), Vue + Tailwind Css, Actix Web, Rest API, JWT, Web3, Redis, Web Socket

**Deployment:** AWS, Nginx, Docker, Linux (Ubuntu)

**Database:** Postgres, MongoDB

# PROJECTS

## Group Chat

- Web Socket integrated using Django & Redis
- Access Premium feature's & handle subscription with stripe payment gateway.
- Add Member's & Remove member's by Group owner.

## University Admission Predication App

- Collect data set, split & check data using pandas, numpy module's in python
- Scikit-learn package to get LogisticRegression algorithm to predict the result based on the data.
- Integrated ML model with Flask web application.

## Voting Decenterlized System

- Solidity programming language to write self execute smart contracts run on ethereum blockchain.
- Write function for add member's to vote, set vote date, add vote conditions like can't vote multiple. get result function to get which parities have more vote's.
- Ganache local blockchain network to test the smart contracts on ethereum blockchain.

## **Whatsapp chat analysis**

- Collect chat data set to analysis, to find sentiment, emoji emotions.
- Use Python Packages. Numpy for array operations, Pandas for data split & data operation's.

## **Lottery Smart Contracts Using Solana**

- Rust Anchor to build & run smart contract's on solana blockchain network.
- Add participants, pay to play lottery, generate random member as a winner.

## **HRMS System**

- Attendance Management, Employee Roles, HR Management, Profile, Payroll, Asset & Invoice Management using Django & Vue JS.

## **Audio Noise Reduce System**

- Build a audio recorder using JS & Django, Transfar & Save audio from base64 format.
- Using Python Libraries Pyaudio etc.. to remove noise from audio.
- Collect ML notebooks & build a custom noise reduce model using Machine Learning.