

MAHESH PAUL J

Undergraduate Student

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Chennai

SUMMARY

Tech Enthusiast CS student at SRM University, Kattankulathur with a passion for technology. Possesses strong foundational skills in Python, C, and web development gained through coursework and personal projects. Eager to leverage these skills and thirst for knowledge in a real-world internship. Committed to actively contributing to projects and collaborating effectively within a team environment.

EXPERIENCE

SRM Robo Lab

Member

01/2024 - Present SRM, KTR

Working member of the club and mainly focused on the project, Traffic Light Detection using AI models. Training and Fine-Tuning the models.

PROJECTS

NoteScape

2024

<https://notescape.vercel.app/>

NoteScape is a powerful note-taking app featuring bulletins, to-dos, image uploads, Reminders and an AI assistant.

- Built with **Next.js 14**, **Firebase**, **Vercel Blob**, and **Novel.sh**.
- It offers seamless sync across devices and a rich editing experience.

AcademiaHUB

2024

<https://github.com/CityIsBetter/AcademiaHUB>

- Built AcademiaHUB, a web app to help students juggle their busy schedules. It tracks attendance, sets reminders, and calculates CGPA - all in one place! (**ReactJS** + **Firebase**).
- Seamless **Google account integration** allows students to access AcademiaHUB anywhere, anytime, ensuring they never miss a deadline.
- Empowers students to manage their time effectively and focus on academic success through features promoting organization and **goal tracking**.

Website Portfolio

2024

<https://maheshpaul.vercel.app/>

- Created a visually appealing online portfolio using **NEXTJS** for a dynamic and interactive experience.
- Utilized **TypeScript** to optimize the code and fix bugs that were causing lot of issues with JavaScript.
- Leveraged **Vercel** for seamless deployment, ensuring my portfolio is readily accessible to potential employers and collaborators.

Manga Scraper

2023

<https://github.com/CityIsBetter/Manga-Scraper/>

- Developed a **Python** script for efficiently downloading manga chapters. It fetches individual pages, converts them to **JPG** format, and saves them locally for offline reading.
- Leverages **web scraping** techniques to automate the download process, saving users time and effort.
- Enhances manga reading experience by creating a readily **accessible** collection of downloaded chapters.

Traffic Light Detection System

2024

- Model made using **Haar Cascade** completely, which can also detect Traffic Signs.
- Model made using Keras in Google **Colab** to train and Fine-Tune the model.
- Roboflow** was used to maintain the dataset.

EDUCATION

M.Tech Computer Science w/s Cognitive Computing
SRM Institute of Science and Technology, Kattankulathur
📅 06/2022 - 05/2027

GPA
9.07 / 10.0

SKILLS

Programming Languages:

Python, C, C++, TypeScript, JavaScript, Java

Machine Learning Frameworks:

Numpy, Pandas, OpenCV, YOLO

Web Development:

HTML, CSS, ReactJS, NextJS, TailwindCSS

CERTIFICATIONS

Programming in Java

NPTEL

Introduction to Database Systems

NPTEL

Programming For Data Science

NPTEL