

ADITYA MATHUR

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MadScientistt4



EXPERIENCE

Web Developer

Manipal The Talk Network

📅 Sep 2024 – Ongoing

- Developed the official website for MTTN, a student media body at MAHE.
- Migrated authentication from localhost to **cookie**-based sessions.
- Built secure **admin** routes in **Next.js** for editing, deleting, and republishing content.
- Deployed the application on **AWS EC2**.
- Collaborated with a team of 5 using **Express.js** for backend development.

PROJECTS

GoalConnect – Indian Football Platform

Manipal Hackathon(M#)

- Led a team of 5 in an offline hackathon featuring 30 finalist teams, selected from **300+ applicants**.
- Won **10,000** for Best Hack Award.
- Developed the entire backend of a scalable **MERN**-based platform for Indian football.
- Implemented real-time match chats using **WebSockets.io** and secure **JWT** authentication.
- Scraped live match data using **Cheerio** & **Puppeteer** for up-to-date information.
- Integrated **Razorpay** for e-commerce & crowdfunding.
- Deployed on **Vercel** for global access.

TaskForge – Task Management App

- Backend: Built with **Python Flask** & **MySQL**, featuring **RESTful APIs** for task & project management
- Frontend: **React**-based UI with **Bulma** styling, dynamic pages, and a **Kanban** board for workflow management.

Portfolio Valuation Engine Assignment

- Built a **Python** tool to compute portfolio units, value, and gains from **JSON transactions** using **FIFO**.
- Integrated the **mstarpy** library to retrieve **real-time NAV** data for accurate portfolio valuation.
- Implemented portfolio **XIRR**, showcasing advanced financial analysis and data processing skills.

TECHNOLOGIES

MERN

Express

Python-Flask

SQL-Alchemy

React

Node.js

Next.js

MongoDB

MySQL

GIT

Web Scraping

LANGUAGES

Python



C



Java



JavaScript



EDUCATION

BTech, Information Technology

Manipal Institute of Technology -

📅 Aug 2022 – May 2026

CGPA : 8.24

CBSE - XII

National Victor Public School

📅 June 2022

Percentage: 93.2%

CBSE - X

National Victor Public School

📅 April 2020

Percentage: 92%

ACHIEVEMENTS



Best Hack Award in M#

- Team Won 10k



College Volleyball Team | MIT 2023-24

- Team won gold medal in Revels2024



College Football Team | MIT (2023)

- Team won silver medal in MIT-FL