AAYUSH SHARMA

+91-9958421979 | asaayush20@gmail.com | GitHub | LinkedIn | LeetCode

Education

Delhi Technological University, India	*2020 - 2024*
Major - Environmental Engineering, **Minor** – Computer Engineering	8.17 CGPA
Sarvodaya Vidyalaya Sector-3, Rohini, New Delhi	*2019*
CBSE (Class XII)	70.6%
Indraprastha Modern School, New Delhi	*2017*
CBSE (Class X)	89.3%

Work Experience

Web Developer | DTU Times   *April 2023 - January 2024*

- Revamped the **User Interface** of the **DTU Times website** by adding **10+** new web pages, ensuring timely delivery of **100%** of the **projects** within set **deadlines**.
- Implemented **optimizations** to the **user interface**, resulting in a significant **20% reduction** in **bounce rates** and improving overall **user engagement** metrics. These enhancements included **streamlining navigation**, enhancing **visual appeal**, and optimizing **call-to-action** buttons, contributing to a more **intuitive** user experience.

Projects

Finly | Link | **Technologies used:** ExpressJS | Prisma | ReactJS | MongoDB | Tailwind CSS | JavaScript

- Developed a **full-stack** personal **finance tracker** that helps users **manage** budgets, **track** income and expenses, and **visualize** their financial health.
- Integrated **MongoDB** with **Prisma** for efficient **schema** management and scalable **data storage**.
- Created **modular pages**: **Categories**, **Transactions**, and **Budgets** with smooth **routing** and **responsive UI** using **React** and **Tailwind CSS**.
- Designed robust **backend schemas** (**User**, **Transaction**, **Category**, **Budget**), implemented **JWT-based authentication**, and added **custom intervals** for **budgets** with **category-specific** tracking.

Crypto Nest| Link | **Technologies used:** ReactJS | Material UI | ChartJS

- Developed a dynamic cryptocurrency tracking website that displays **real-time prices** and **market changes** for the top **100 cryptocurrencies**, supporting both **INR** and **USD** currencies.
- Integrated the **CoinGecko** API to fetch and update live **cryptocurrency data**, ensuring **accurate and up-to-date** market **insights** for users.
- Implemented detailed **graphical analysis** for individual **cryptocurrencies** on **separate** pages using **React.js** and **charting libraries**, enabling users to explore **historical trends** and **performance metrics**.

News Flux | **Link |** **Technologies Used:** ReactJS | Bootstrap | NewsAPI

- Built a **responsive News Aggregator** Web Application using **React.js** that delivers **real-time** news **updates** across **multiple categories** such as **Business**, **Technology**, and **Health**.
- Integrated the **NewsAPI** to dynamically **fetch** and **display** the **latest headlines** with **pagination**, enhancing content **accessibility** and improving **user engagement**.
- Implemented optimized **client-side routing** and loading **states (spinners)** to ensure **smooth navigation** and **improved performance** across various devices and browsers.

Skills

Languages: C |C++ | HTML | CSS | Bootstrap | Tailwind CSS | JavaScript | React.js | Node.js | Express.js | MongoDB
Development & Technical Knowledge: GitHub | Git | SQL | Microsoft Excel | PowerBI

Achievements

- Authored and published a research paper titled **'Assessment of GHG Emissions from Livestock, Management, and Agricultural Land Use in India'** at the **ICOTET 2024** Conference.
- Secured **3rd** position in the **Chess Interbranch ARENA 2022** organized by **DTU**.
- Achieved **2nd** place in the **Debate Competition** organized by **NSS-DTU**, outperforming **30 teams** from across India.
- **Co-Head**, **YUVAAN DTU** Logistics Team – Led logistics **planning** and **execution** for DTU's annual **cultural fest**, managing event **operations** and **vendor coordination**.