

AAYUSH SHARMA

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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 - May 2024

- Revamped the **User Interface** of the **DTU Times website** by adding **5+** 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 | [Live](#) | [GitHub](#)

- Built a personal **finance tracker** enabling **budget management**, income/expense **tracking**, and financial health visualization.
- Integrated **MongoDB** with **Prisma ORM** for efficient **schema** management and scalable **data storage**.
- Developed **responsive UI** with **React** and **Tailwind CSS**, featuring modular pages (**Categories**, **Transactions**, **Budgets**) and seamless **routing**.
- Designed robust **backend schemas** (**User**, **Transaction**, **Category**, **Budget**), implemented **JWT-based authentication**, and added **custom intervals** for **budgets** with **category-specific** tracking.

Whispr | [Live](#) | [GitHub](#)

- Developed a **full-stack**, real-time **chat platform** using **Next.js**, **Node.js**, and **TypeScript**, featuring **JWT-based authentication**, user registration/login, and **WebSocket-powered** public/private messaging with **media** asset handling via **Cloudinary**.
- Designed and managed **RESTful APIs** and **MongoDB** schemas via **Mongoose**, supporting **user profiles**, **online user** tracking, **public room** creation, and role-based features like **admin** control and **ban**.
- Built a **responsive**, user-centric interface with **React Hooks**, **Context API**, and **Tailwind CSS**, ensuring smooth **cross-device** experience with **real-time** UI updates, **secure state management**, and intuitive UX.

Crypto Nest | [Live](#) | [GitHub](#)

- 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**.

Skills

Languages: C++ | HTML | CSS | Tailwind CSS | JavaScript | TypeScript | React.js | Next.js | Node.js | Express.js | MongoDB

Development & Technical Knowledge: GitHub | Git | SQL | Microsoft Excel | PowerBI

Achievements

- 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**.