KALYANI PATHAK

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Projects

SORTING ALGORITHM VISUALIZER (Website | Repository)

A web app using HTML, CSS and JavaScript
- It allows users to learn and visualize how **different sorting algorithms** operate and sort array elements.
- It also provides insights into the **time complexity** of each sorting algorithm.

Xpensy (Website | Repository)

Built with *React*, *Material UI*, and *Speechify.*
- A voice-powered budget tracker that makes managing money super easy.
- It lets you add income and expenses just by talking. No typing, no fuss.
- Everything's saved right in your browser, so no sign-ins, no accounts, and zero stress about privacy.

RANDOM PASSWORD GENERATOR (Website | Repository)

A web app using HTML, CSS and JavaScript
- Enables users to **create passwords** with specified lengths and character sets (uppercase, lowercase, numbers, special characters) to meet diverse security requirements.
- Provided immediate feedback on **password strength**, enhancing user understanding of **secure password** creation practices.

Technical Skills

Languages/Technologies: C++ | C | JavaScript | Java | Python
Web Development: HTML | CSS | ReactJS | NodeJS | ExpressJS | GITHUB
Clouds/Databases: MySQL | MongoDB
Relevant Coursework: Data Structures and Algorithms | Object Oriented Programming | DBMS

Education

Institute Of Engineering And Technology, DAVV	2022 - Present
• Computer Science and Engineering	
ANA Convent H.S. School, Indore, India	2021 **– 87.8%**
• *MPBSE (Class XII)*	
ITMA Vidya Niketan, Indore, India	2019 **– 86.2%**
• *CBSE Board (Class X)*	

Academic and Extracurricular Achievements

- **Reliance Foundation Scholarship** | Top 4000 students all over India
- **Amazon Future engineer Scholarship** | Students from top Institutes.
- **Shooting Stars Foundation Scholarship**| Top female students across the country.
- **NCC** Cadet | A grade.
- **Olympiads** | NSO **gold medallist**. | IEO **gold medallist,** AIR-30.

Positions of Responsibility

Pratyaksh (Dramatics Club Of IET DAVV) | Core Member   March'24-Present
- Contributed to the conceptualization, scripting, and execution of theatrical productions and events on campus.

E-Cell (IET DAVV) | Fresher Representative   Jan'23 – Jun'23
- Played a key role in organizing and managing logistics for the E-Summit'23 IET DAVV, ensuring smooth operations and successful execution of event activities.