ARVIND SHARMA

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Projects

SORTING ALGORITHM VISUALIZER (Website | Repository)   June'24

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.

BGMI TOURNAMENTS (Website | Repository)   April'24

A fully responsive web app using Tailwind CSS, React.js, Node.js and MongoDB.
- A web app to streamline the process of organizing and **participating** in BGMI Tournaments.
- Implemented **OTP-based user authentication**, **Login/Signup**, integrated **Razorpay for payments**, and automated **email service** for post-tournament registration notifications.

RANDOM PASSWORD GENERATOR (Website | Repository)   Jan'24

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 | Tailwind | GIT | GITHUB
Clouds/Databases: MySQL | MongoDB
Relevant Coursework: Data Structures and Algorithms | Object Oriented Programming | PPL (Principles of Programming Language) | DBMS

Work Experience

JPMC | Virtual Internship   Jun'24 - Jun'24
- Successfully **set up local development environments** in **Python and JavaScript**, including **forking** and **cloning** repositories.
- I **fixed** the broken client datafeed script files in **python** and **JavaScript** for **stock analysis** and learned how software engineers help traders in identifying valued stocks.
- I learned to use **Perspective** to generate a **live graph** that displays a data feed in a clear and visually appealing way for **traders** to monitor.

Education

Maulana Azad National Institute Of Technology Bhopal, India	2022 - Present
• Computer Science and Engineering	CGPA - **8.17**
Aligarh Muslim University City School, India	2022 **– 93.6%**
• *AMU Board (Class XII)*	
Angels Public International School, India	2020 **– 91.8%**
• *CBSE Board (Class X)*	

Academic and Extracurricular Achievements

- Max Codeforces Rating – **1369.**
- Solved **500+ DSA problems**.

Positions of Responsibility

Zenith (Programming Club Of MANIT) | Core Member   March'24 - Present
- Promoting a **collaborative coding** and **development** environment within the college to enhance skills among **students**, including peers, seniors, and juniors.

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