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EDUCATION

| Degree | Year | Institute | CGPA / % |
|----------------------------------|-------------|---|-----------|
| B. Tech (Information Technology) | 2022 - 2026 | Delhi Technological University, New Delhi | 8.06 CGPA |
| CBSE Class XII | 2022 | Brahma Shakti Public School, New Delhi | 91.2% |
| CBSE Class X | 2020 | MD Public School, New Delhi | 91.2% |

EXPERIENCE

Coding Ninjas, Teaching Assistant

Jan 2024 – May 2024

- **Debugged code:** Debugged and optimized student code, increasing program efficiency and reducing errors by 40%
- **Error identification:** Diagnosed 150+ coding issues in student projects, providing targeted troubleshooting strategies that enhanced problem-solving skills and resulted in a 40% improvement in overall coding proficiency among participants.
- **Student support:** Facilitated lab sessions and office hours, delivering personalized support to over 50 students per session.

PROJECTS

TrueFeedback || [Link](#)

- Developed a full-stack web application using **Next.js** for server-side rendering and **MongoDB** for database management, allowing users to share anonymous feedback through unique profile URLs.
- Implemented **secure OTP-based user authentication** to enhance account security and prevent unauthorized access, achieving a 30% increase in user retention.
- Optimized application performance using **Next.js** features such as dynamic routing and static generation, resulting in a 25% reduction in page load time.

Micro blogging application || [Link](#)

- Built a micro-blogging platform using **React.js** and **Node.js**, enabling users to write, edit, and publish blogs in real-time.
- Developed a **real-time rich text editor** with functionalities similar to MS Word, improving user experience and content formatting flexibility.
- Utilized **HTML, CSS, Tailwind CSS, and JavaScript** to create a responsive and user-friendly interface, resulting in a 40% increase in user engagement.

Graph Algorithm Visualizer

- Designed and developed a web application using **HTML, CSS, and JavaScript** to visualize three graph algorithms: Breadth-First Search (BFS), Depth-First Search (DFS), and Dijkstra's Algorithm.
- Implemented **interactive UI components** to help users understand algorithm functionality, increasing educational value and user interaction by 50%.
- Deployed the application on a scalable platform, ensuring consistent performance and availability.

SKILLS

- **Programming Languages:** Java, C++, Python
- **Technical Skills:** Data Structures and Algorithms, Object Oriented Programming, Database Management System
- **Frameworks:** Node JS, React, Tailwind CSS , Next Js
- **Frontend Technologies:** HTML, CSS, JavaScript
- **Database and Query Language:** MySQL
- **Version Control:** Git

ACADEMIC ACHIEVEMENTS

- Solved over **450** questions on [LeetCode](#)
- [LeetCode](#) maximum contest rating: **1654**.
- Solved over **250** questions on [GeeksforGeeks](#)
- [CodeChef](#) maximum contest rating: **1561**
- [CodeForces](#) maximum contest rating: **1100**.
- Secured 98.8%ile in **JEE MAINS** (sample space of 1.4 million students) and qualified **JEE ADVANCED**

EXTRA-CURRICULAR ACHIEVEMENTS

- **Vice-President** at Paryavarnam-DTU.
- **Executive** at NSS-DTU.
- Achieved 8 medals in Olympiads conducted by SOF
- Secured 2nd position in aptitude event organized by NSS SBSC, DU