Piyush Sharma

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EDUCATION

Netaji Subhas University of Technology   **Expected July 2026**
Bachelor of Technology in Computer Science (GPA: 8.00 / 10.00)   *Delhi, India*

TECHNICAL SKILLS

Languages: C++, C , JavaScript, Typescript, Python
Frameworks/Tools: Reactjs, Nextjs, Svelte, TailwindCSS, Node.js, Express.js, GraphQL, NextJs, Svelte Kit, Docker, Socket.io, Git
Databases: PostgreSQL, MongoDB
Design: Canva, Figma
ML Frameworks/Libraries: NumPy, Pandas, Matplotlib,Scikit-learn, TensorFlow

EXPERIENCE

Group Project: HyperAttention Drug-Target Interaction Model | **2024**
- **Led a team of 4** Oversaw project planning, task delegation, and ensured timely completion of milestones.
- **Applied Frameworks** PyTorch, TensorFlow, Pandas, NumPy, Matplotlib,Seaborn , Scikit-learn , Keras and utilized techniques such as Convolutional Neural Networks and Transformers (ProtBERT).
- **Collaborative Development** Collaborated with team members to design and develop a deep learning-based Drug-Target Interaction model.
- **System Modeling and Data Management** Designed scalable architectures for drug-target interaction prediction, leveraging UML diagrams and ecient deployment pipelines.

SIDE PROJECTS

Wandrr | *MERN Stack*   **2024**
- Wandrr is a cutting-edge **e-commerce platform** built with React, Redux, Node.js, Express.js, MongoDB, and JWT
- Built a dynamic product listing page with **React & Redux**, improving user engagement by **20%** and conversion rates by **10%**, leading to significant sales growth.
- Implemented **JWT-based authentication** for secure logins, built a scalable backend with **Node MongoDB**
- **Integrated PayPal** for familiar and secure customer transactions, boosting conversion rates. Additionally, implemented a user review and rating system for informed purchase decisions

Spotify | *Svelte,Svelte Kit*   **2024**
- Assembled a Spotify clone with **Svelte** and **SvelteKit**, resulting in **faster loading times** leveraging the efficiency of framework.
- Coded all essential Spotify features, enhancing user experience through detailed knowledge of **Svelte and SvelteKit**.
- **Engineered** a responsive UI that improved **navigation and accessibility**, utilizing proficiency in modern web design.
- Utilized Svelte's reactivity to **optimize performance and reduce latency**, applying advanced front-end development techniques.

dudeSpaces | *MERN Stack*   **2024**
- dudeSpaces is a revolutionary **audio chat platform**. It empowers users to create dynamic audio rooms and engage in live conversations.
- dudeSpaces leverages the power of **React and Redux** for a smooth user interface, while the robust backend architecture ensures **scalability** to accommodate a growing user base.
- Designed and created an audio room platform using the MERN stack and Stream API. .

ALGORITHMIC COMPETITIONS/ACHIEVEMENTS

- Solved **400+** DSA problems across various platforms, building strong problem solving skills.
- Rated **Pupil** on Codeforces
- Rated 1600 on Leetcode