ARPIT SRIVASTAVA

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Education

B. Tech in Computer Engineering   **2021-2025**
Abdul Kalam Technical University, Lucknow   *CGPA: Awaited*

12th Standard — CBSE   **2021**
Little Flower House, Varanasi   *Percentage: 78.6%*

10th Standard — CBSE   **2019**
Little Flower House, Varanasi   *Percentage: 80.6%*

Work Experience

Frontend Designer and Developer Trainee / 1PS / FEB 2025 - JUNE 2025
- Spearheaded the development of professional, responsive UIs for healthcare web portals using **React** and **TailwindCSS**.
- Collaborated closely on **UI/UX** design through **Figma**, aligning frontend implementation with user-centric design principles.

SDE Intern / Newgen Software / JULY 2024 - DEC 2024
- Built an interactive chatbot using **Python** and **Streamlit**, integrated with **Gemini API** to fetch real-time data with 95%+ accuracy.
- Developed full **CRUD** operations with **WebSocket** for real-time updates, scaling to 1,000+ concurrent users.
- Used **MySQL** for high-speed data access and **Postman** for robust API testing.

Projects

Certify / *Next.js, Firebase, Framer Motion* / Source Code
- Engineered a **full-stack web platform** to streamline workshop management, enabling real-time analytics, participant feedback collection, and automated certificate distribution.
- Implemented **PDF certificate generation and delivery workflows** using Firebase Cloud Functions and integrated email/SMS APIs for automated dispatch.
- Leveraged **Firebase Firestore** for secure, real-time data storage and cloud messaging.
- Designed a responsive UI with **Next.js, Tailwind CSS, and Framer Motion**, ensuring fast, seamless user interaction and mobile-first responsiveness.

MedSync / *ReactJS, Context API, Tailwind CSS* / Source Code
- Architected and deployed a full-stack healthcare portal supporting seamless onboarding and interaction for **Patients, Doctors, Pharmacies, and Diagnostic Centers** through **role-based authentication and access control**.
- Designed a highly responsive and intuitive user interface using **React, Tailwind CSS, and React Router**, delivering a consistent experience across web and mobile views.
- Utilized **Context API** for efficient global state management and user session handling across different roles and components.

Achievements

- Completed the **Arsh Goyal 45-Day DSA Challenge**, solving over **100+ problems** across arrays, linked lists, trees, and recursion.
- Consistently practiced **Data Structures & Algorithms**, building a strong foundation for technical interviews
- **Runner-Up (2nd Prize)** at **Rankethon Robotics Event** for developing a **Fire Detection System** using sensor-based automation and real-time alert mechanisms.
- Independently researching and experimenting with **AI integration and real-time applications** to stay ahead of emerging trends.

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS

Frameworks/Libraries: ReactJS, Spring Boot, JPA, Hibernate

Technologies: MongoDB, Figma, AWS Cloud Services, Git, GitHub Actions, Docker

Proficiencies: DBMS, Data Structures, Algorithms, OS