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](https://github.com/Arpit-sde1210/Certify)

∗ 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](https://github.com/Arpit-sde1210/1PS-Healthcare)

∗ 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