

AKSHAT AJMERA

SOPHOMORE AT BITS PILANI

[linkedin.com/in/akshatajmera07](https://www.linkedin.com/in/akshatajmera07) | akshatajmera777@gmail.com | github.com/akshatajmera7

As an aspiring software engineer with a strong foundation in computer science fundamentals, I am constantly seeking opportunities to expand my technical knowledge and problem-solving abilities. I am eager to collaborate with talented individuals and learn from experienced professionals to drive innovation and deliver exceptional results.

SKILLS

Technical Skills:- C, C++, Java, Python, HTML, CSS, JS, ReactJS, RESTful APIs, Competitive Programming, Tailwind, Figma, Material UI, Git, Netlify, Vercel, Azure, Vonage API

Soft Skills:- Effective Communication, Project Management, Teamwork, Leadership, Critical Thinking

KEY ACHIEVEMENTS

IMO INT. RANK - 2	NTSE Qualified	JEE Advanced AIR-7098
JEE MAINS 99.81%tile	KVPY Scholar	NTSE AIR 93

EXPERIENCES

SEEDS MS TEAMS APP (CURRENT PROJECT)

- Developing an MS Teams application to replace the Android-based teacher interface for SEEDS, an audio-based educational platform for blind children.
- Implementing API calls and backend integration to ensure seamless session management for teachers.
- Working with Azure services and Vonage API to handle real-time audio conferencing and session control.

PROJECTS

PORTFOLIO WEBSITE

ReactJS - TypeScript- Tailwind

- Developed a personal portfolio website using React.js and Tailwind CSS, ensuring a responsive and visually appealing design across devices.
- Implemented dynamic content rendering and optimized the user experience with React components, while utilizing Tailwind CSS for fast, utility-first styling.

COLLABORATIVE CANVAS

JavaScript - Canvas API

- Developed an interactive canvas-based drawing application using JavaScript, Canvas API, and HTML5, allowing users to create, manipulate, and save custom shapes.
- Implemented advanced shape interactions such as dragging, resizing, rotating, and color selection, enhancing the user experience with intuitive controls.
- Integrated local storage and file-based saving/loading to enable persistent work sessions, allowing users to store and retrieve their canvas designs efficiently.

FLOOR PLANNER

Java Developer - Java GUI

- Designed a room planning tool with features for saving, reloading, and editing layouts seamlessly.
- Enabled interactive drag-and-drop room placement, with real-time overlap detection and error handling.
- Integrated functional elements like doors, windows, and furniture, supporting rotation and adherence to design constraints.

EDUCATION

BITS PILANI HYDERABAD

August 2023-Present

- BE Computer Science
- CGPA: 8.65

CENTRAL ACADEMY, BHILWARA

May 2023

- Class XII, Percentage:- 93.8%
- Class X, Percentage:- 98%

POSITION OF RESPONSIBILITY

Senior Associate at E-Cell BITS Hyderabad

Organized and managed the Flagship Events at LaunchPad'24, the E-Summit of BITS Pilani Hyderabad, ensuring seamless operations and participant engagement.