

AKSHAT RASTOGI

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TECHNICAL SKILLS

- ❖ **Programming Languages:** C, C++, Python
- ❖ **Frontend:** HTML, CSS, JavaScript, ReactJs
- ❖ **Backend:** NodeJs, ExpressJs, REST APIs
- ❖ **Database:** MongoDB, SQL (CRUD Operations)
- ❖ **Tools & Frameworks:** Bootstrap, Tailwind CSS, Firebase

EDUCATION

- ❖ Computer Science and Engineering | ABES Engineering College, Ghaziabad. YGPA: 9+ | 2025
- ❖ XII (CBSE) | New Rainbow Public School, Ghaziabad. 91.0 % | 2024
- ❖ X (CBSE) | New Rainbow Public School, Ghaziabad. 92.6 % | 2022

PROJECTS

- ❖ **EchoChat - A Web Chatting Platform**
 - Built a Real-Time Chat Application: Engineered a full-stack messaging platform using React and Firebase Firestore to handle secure, instant exchange of messages between users in a real-time environment.
 - Secured Access and UX: Integrated Google Firebase Authentication for robust sign-in, and utilized Tailwind CSS to create a highly responsive, modern user interface with dynamic contact discovery.
 - Technologies used - ReactJs, Tailwind CSS, Firebase (Authentication, Firestore Database, Deployment), JavaScript ES6+, Vite
- ❖ **AirBnb - Traveling and Listing Site**
 - Full-Stack Development with MVC: Developed a complete server-side application using Node.js and Express.js in an MVC structure, managing all application logic, routing, and API interactions.
 - Implemented user sign-up/login using Passport.js and MongoDB, along with custom middleware to enforce strict Authorization
 - Utilized EJS Templating to render dynamic views, enabling users to create, read, update, and delete listings, as well as submit ratings and reviews
 - Technologies Used - HTML, CSS, JavaScript, NodeJs, ExpressJs, EJS Templating, MongoDB, and Render for Deployment
- ❖ **VLC Media Player (Clone)**
 - Developed a media player using HTML, CSS, and JavaScript to load and play local video files.
 - Implemented dynamic DOM manipulation to embed the player and handle events triggered by the custom-built menu system.
 - Features core playback controls, including adjusting playback speed (0.25x to 4x) and managing volume levels (0% to 100%).
 - Technologies Used - HTML, CSS and JavaScript

CERTIFICATION AND COURSES

- ❖ Udemy: C Programming For Beginners - Master the - Language
- ❖ Udemy: The Complete Python Bootcamp From Zero to Hero in Python
- ❖ CS50: CS50's Introduction to Programming With Python.