

AKSHAT RASTOGI

akshat.rastogi1407@gmial.com • (+91)9084891149 • linkedin.com/in/akshat-rastogi14 • github.com/Akshat-1407

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

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|---|-----------------|
| ❖ 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.