

# SAGARIKA ROUT

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## EDUCATION

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**B.Tech in Computer Science and engineering**

CGPA:9.22—2025

*DRIEMS University*

**XII (CHSE)**

(Percentage: 74)

*Alfa Best Higher Secondary School*

**X (BSE)**

(Percentage: 73)

*H.G.P Nodal High School*

## TECHNICAL SKILLS

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<b>Programming Language:</b>	Basic knowledge of C++,Python
<b>Frontend Development:</b>	Clear understanding of HTML, CSS, Javascript, TailwindCSS & React.js
<b>Backend Development:</b>	Clear understanding of Node.js, express.js
<b>Database:</b>	Mysql, mongoDB
<b>Development Tools:</b>	Microsoft Visual Studio Code

## PROJECTS

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### **Daily Report(news application)**

- Designed and developed a responsive news application using React and Node.js.
- Implemented web scraping to fetch news from websites.
- Integrated user authentication with login and signup, allowing users to set a profile picture and update their username.
- Enabled users to share articles, and provided full post management functionality (edit, delete, etc.).
- Utilized local storage for persistent note-taking .
- Technologies Used:**react, Node.js ,tailwind css**(GitHub Link: <https://github.com/sagarikka/daily-report>)

### **Real time Chat-app**

- Developed a real-time chat application using Node.js and WebSocket technology, enabling seamless communication between users in real-time.
- Implemented instant messaging using WebSockets for a seamless user experience.
- Designed a user-friendly interface with HTML, CSS, and JavaScript.
- Technologies used:**HTML, CSS, JavaScript, Node.js, WebSocket** ( GitHub link : <https://github.com/sagarikka/chat-app>)

### **Spotiflux(Music player application)**

- Developed a full-stack music application.
- Designed a Responsive and visually appealing static home page.
- Implemented secure login with user authentication and authorization using Passport.js and JWT.
- Integrated song sharing and a search feature for finding songs by name.
- Technologies used:**React, MongoDB, Node.js, express.js, TailwindCSS**( GitHub link : <https://github.com/sagarikka/spotify-clone.git>)

## ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

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### **Member of Coding Club (DRIEMS University)**

- Participated in a coding club to explore various programming concepts and collaborate with peers in a supportive environment.

## TRAINING & CERTIFICATIONS

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- “The Complete 2024 Web Development Bootcamp” on udemy By Dr. Angela Yu