



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	M.TECH Dual Degree 5Y	IIT Kharagpur	7.98 / 10
2018	CBSE Board	Shiksha Bharati Sec School Khatima	86.4%
2016	CBSE Board	Shiksha Bharati Sec School Khatima	9.8 / 10

SKILLS AND EXPERTISE

Programming Languages: C | C++ | HTML | CSS | JavaScript | SQL | NoSQL

Frameworks And Libraries: Node.js | React.js | jQuery | Bootstrap | Material UI | EJS | JSON | Express.js |
Mongoose | MongoDB | Socket.io

Software Tools / Packages: GIT | SolidWorks | Microsoft Office | VS Code | Android Studio.

GitHub: <https://github.com/Sk09032>

PROJECTS

Vayaamsaala | Self Project (July 2022)

GitHub link: <https://github.com/Sk09032/Vayaamsaala> **Deployable link:** <https://vayaamsaala.netlify.app/>

- Build a Gym Exercise website, where user can search more than one thousand exercises with animated images.
- User can also filter exercise by muscles groups and body parts. API used to show similar exercises and related videos from YouTube.

• Library/framework/RapidAPI Used: **React.js | MaterialUI | ExerciseDB API | YouTube search and download API.**

CodeFlix | Self Project (May 2022)

GitHub link: <https://github.com/Sk09032/Dosti> **Deployable link:** <https://dosti-code-with-friends.herokuapp.com/>

- Build a Real-time code editor where multiple peoples can do code on single code editor by creating room.

- Anyone can join room using room id (shared by members in room). Notification functionality used to notify members when someone join or leave the room.

- Any changes on code editor (write or delete code) will be visible to all members in real time.

- Languages/modules/frameworks used: **React.js | Node.js | uuid | react-hot-toast | express.js | socket.io for web sockets.**

WeatherForecast API | Self Project (June 2022)

GitHub link: <https://github.com/Sk09032/WeatherForecast> **Deployable link:** <https://mausambaba.netlify.app/>

- Build a Weather Forecast website that gives current weather information of user's place taken as the query.

- Weather information is extracted using Open Weather Map API using taking place as a query from a user.

- Used Open weather API behind the scenes to extract data in the form of JSON and processed it.

- Languages/API Used: **HTML | CSS | JavaScript | openWeatherAPI**

Portfolio | Self Project (March 2022)

GitHub link: <https://github.com/Sk09032/Portfolio> **Deployable link:** <https://sk090.netlify.app/>

- Build a Complete responsive portfolio website. Contact me functionality added using FormSubmit online service.

- Library/languages Used: **HTML | CSS | JavaScript | jQuery**

Chrome Extension | Self Project (March 2022)

GitHub link: <https://github.com/Sk09032/color-zilla>

- Build a Color Zilla chrome Extension, through this extension user can pick color in hex code from current active Window. User picked color will be automatically copied to the clipboard.

- Framework/languages Used: **HTML | CSS | JavaScript**

AWARDS AND ACHIEVEMENTS

- Qualified for State Level National Children Science Congress (**NCSC**) Organised by Department of Science and Technology, Government of India.

- Secured a rank among the **top 1%** candidates out of more than 1.2 million candidates in **JEE 2019**.

COURSEWORK INFORMATION

Relevant Academic Courses: Programming and Data Structures(theory+lab) | Transform Calculus | Partial Differential Equations | Thermodynamics | Engineering Drawing and Computer Graphics(using Solidworks) | Electrical Technology | Basic Electronics.

Online Coursework: The Complete 2020 Web Development Bootcamp (Dr. Angela Yu, Udemy) | Applied Data Structures and Algorithms (AlgoZenith-AZ201) | The Complete 2021 Flutter Development Bootcamp with Dart (Dr. Angela Yu, Udemy).