



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 |

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**.

PROJECTS

Chrome Extension | Self Project

GitHub link of this project: <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

Portfolio | Self Project

GitHub link of this project: <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

WeatherForecast API | Self Project

GitHub link of this project: <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

CodeFlix | Self Project

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

- Build a Real-time code editor where multiple people 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.

Vayaamsaala | Self Project

GitHub link of this project: <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.

SKILLS AND EXPERTISE

Programming Languages: C | C++ | HTML | CSS | JavaScript | SQL | NoSQL | familiar with Dart

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

Software Tools / Packages: GIT | SolidWorks | Microsoft Office.

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.