SUNNY KUMAR | 19ME31028

MECH.ENGG. MANUF.SCIENCE & ENGG. (M.Tech Dual 5Y)

SUNNY KUMAR
08-02-2019

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/
•Built a gym exercise website where users can search for more than a thousand exercises with animated images.
•User can also filter the exercises for different muscles group and body parts. API has been used to display 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/
• Built a real-time code editor, where multiple peoples can do code on same code editor by creating room.
•Anyone can join room using room id (shared by members in room). Notification functionality has been 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/WeatherForcast **Deployable link**: https://mausambaba.netlify.app/
•Built a Weather Forecast website that gives current weather information of place taken as the query.
•Data of place given by user is extracted from Open Weather Map using Open Weather Map API.
•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/
•Built a Complete responsive portfolio website. FormSubmit online service is used for contact me.
•Library/languages Used: **HTML | CSS | JavaScript | jQuery**

Chrome Extension | Self Project   (March 2022)

GitHub link: https://github.com/Sk09032/color-zilla
• Built 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).

!self declaration by the student