SUNNY KUMAR | 19ME31028

MECH.ENGG. MANUF.SCIENCE & ENGG. (M.Tech Dual 5Y)
MICRO SPL. in ENTREPRENEURSHIP AND INNOVATION

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	M.TECH Dual Degree 5Y	IIT Kharagpur	7.94 / 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
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

MockStock | Group Project (October 2022)

GitHub link:https://github.com/Sk09032/mockStockFrontend &https://github.com/Sk09032/mockStockBackend
Deployable link:https://mockstockfront-git-main-chhadios.vercel.app/
•Built a Mock Stock market app, where peoples can buy stocks of different company on the platform.
•Featured with white and dark theme, live up and down graphs of various company and payment history.
•Authentication used to register and login, peoples can create profile and can edit in future.
•Languages/modules/frameworks used: **React.js | Node.js | MongoDB| Redux | express.js | socket.io.**

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.**

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. Form Submit online service has been used for contact me form.
•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).