Sumit Kumar
WEB DEVELOPER

Contact

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Education

- **Delhi Institute Of Tool Engineering**
  (2019 - 2023)
  Mechatronics & Robotics Engineering
  8.51 CGPA

- **St. Angels Sr. Sec. School**
  (2017 - 2018)
  12th standard, Nonmedical
  62%

Miscellanous

- **Azure Devhack 2022 (Hackathon)**
  Certified, swaged & Secured **2nd pos,**
  Organized by **Reskill & Microsoft.**

- **Certified, swaged** on the accomplishment of **Google Cloud DevOps Program from Google.**

- **Hackon 2.0 2021 (Hackathon)**
  Certified & Created a VR web app using ML, VFX, html, CSS, Three.js

- **IITB-ISRO-AICTE Mapathon 2020**
  org. by ISRO, IITbombay, notable candidate participant, **tech used**: Qgis, web scraping

Skills

c++   Arduino   Git/GitHub

Microcontroller   HTML

CSS   Javascript   React

NodeJs   ExpressJs

MongoDB   Redux   JWT

Postman   Zustand

Spline 3D

WORK EXPERIENCE / INTERNSHIPS

Web Developer Intern, **Edureka**   (Nov'21-Mar'22)

- Involved in fixing issues at the **front-end UI/UX** level.
- Involved in enhancing **Filtering**, **Sorting**, **Searching**, and **Routing** functionalities using React and Redux.
- Designed & Integrated Razorpay Payment Gateway using **react-Razorpay** coupled with Login Authentication via **react-google-login.**
- Designed Frontend using **HTML**, **CSS**, **Bootstrap**, **React.Js**, and **Redux**.

Machine Learning Intern, **NEO Internship studio**   (Aug'21-Sep'21)

- Build an **ML model**, that predicts **youtube ad view count** based on other youtube metrics including **likes**, **dislikes**, **comments**, **views**, **watch time, duration,** etc.
- Provided with **Training & Test datasets**, the task was to train & test certain ML models to predict ad view scores. implemented **Decision Tree Regression**, **Random Forest Regression** Algorithm.
- ML Libraries Used: **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Keras**.

Junior Engineer Trainee, **DMRC**   (Aug'21-Sep'21)

- Responsible for Dealing & Maintaining Inspection reports on the **BOGIE**, **ELEX**, **ELECTRIC**, **PNEUMATIC**, and **BRAKE** systems.
- Had a brief study of Depot Layout and various other systems and subsystems used in Delhi Metro i.e. **Metro formation**, **Embedded System**, **Voice Command** & **Communication System**, **HVAC Systems**, **Door**, and **Security System.**
- Created a Brief Industry Report.

PROJECTS

Food Ordering Website: Zomato FoodOrdering Website Clone

- Designed a **Full Stack E-FoodOrdering Web Platform** using **HTML**, **CSS**, **JavaScript**, **React.JS, and Redux** for **Frontend development.**
- Integrated Backend Using **Node.JS**, **Express**, **Mongoose**, and **MongoDB**
- Implemented **user authentication** system for user login using **JWT Authentication & Bcrypt.**
- Tech Stack Used: **HTML**, **CSS**, **JavaScript**, **React.JS**, **Node.JS**, **Express**, **Postman**, **Mongoose**, **MongoDB**

Add Notes Web App: NoteShell

- Designed **full-stack** notes adding web app, **edit** & **delete note** functionality.
- Implemented user **Authorization** & **Authentication** using **JWT** and **bcrypt**.
- Done **state management** using **Redux.**
- Tech Stack Used: **HTML, CSS, Bootstrap, JavaScript, React.JS, Redux, NodeJs, Express, MongoDb, Mongoose, JWT.**

Fire Extinguishing Bot:

- Designed a Bot using **Arduino Microcontroller** and its Programming, connected different sensors with Arduino for the whole operation to work seamlessly.
- Used **Ultrasonic Sensor** and **Servo motors** for obstacle avoidance, and used **Fire Sensor** to detect Fire.
- Added **Ada Fruit Motor Shield** to control the motion of the bot