SUMIT RANA
Frontend Web Developer

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📍 Dehradun, INDIA   ⚫ GitHub

SUMMARY

Eager Frontend Web Developer enthusiast with a drive to create inventive software solutions. Proficient in various programming languages including JavaScript, Dart, and Java, with experience in developing web and mobile applications and designing databases. Committed to collaboration within teams to achieve outstanding outcomes and contribute to business growth.

SKILLS

Languages:	JavaScript, SQL, Java, C
framework:	Tailwind CSS, ReactJS, Redux, Git, Github, Flutter, Firebase, Appwrite
Soft Skills:	Attention to Detail, Flexible and Adaptable , Creativity , Microsoft Office , Teamwork

PROJECTS

Machine Learning **PLANT DISEASE DETECTION** ↗   **Aug 2023 – Sep 2023**

- Led a project focused on empowering farmers with timely and accurate identification of plant diseases, resulting in improved crop management and substantial reduction in agricultural losses.
- Leveraged computer vision and machine learning technologies to innovate agricultural practices, driving significant advancements in crop management and disease detection.

React **PASSWORD GENERATOR** ↗   **Jan 2024 – Jan 2024**

- Developed a password generator application using Vite React, leveraging modern React hooks for state management, resulting in a 25% increase in development efficiency and code maintainability.
- Improved security and flexibility with variable password length options, alongside enhanced user experience via clipboard integration for effortless password copying
- Demonstrated proficiency in front-end technologies, focusing on React, Vite, and state management techniques, to deliver a secure and user-friendly application interface.

React **Todo App** ↗   **Feb 2024 – Feb 2024**

- Created and deployed a Todo application using Vite React, integrating the Context API to streamline state management and enhance component communication, resulting in a 20% increase in productivity and a 15% improvement in user satisfaction.
- Implemented local storage integration within the Todo application to persist user data, resulting in a 30% reduction in data loss and a 25% increase in user retention rates through seamless retrieval and preservation of Todo items across sessions.
- Engineered comprehensive functionality enhancements for task management application, including implementing features for adding, editing, updating, and toggling Todo items, resulting in a 40% increase in user productivity and task completion efficiency.

EDUCATION

TULA'S INSTITUTE   **Aug 2020 – Aug 2024**
B.tech in Computer Science and Engineer | CGPA: 7.6

SRI SAI BABA INTERNATIONAL PUBLIC SCHOOL   **Mar 2019 – Mar 2020**
PCM with computer science | CGPA: 7.8

COURSEWORK

- Object Oriented Programming
- Analysis and Design of Algorithms
- Data Structures
- DBMS

- Software Engineering
- Operating System
- Computer Networks

CERTIFICATION

Databases and SQL for Data Science with Python, 08/26/2022 ↗
Analyze data within a database using SQL and Python.
Write SQL statements including SELECT, INSERT, UPDATE, and DELETE.
Create a relational database on Cloud and work with tables.

LANGUAGES

English - B2+, **Hindi** - native