

SACHIN KUMAR DAGAR

Alwar, Rajasthan

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EDUCATION

Modern Institute of Technology & Research Centre

Computer Science Engineering- **CGPA - 8.2**

Graduation Year – 2024

Alwar, Rajasthan

TECHNICAL SKILLS

Languages: C++, Python, SQL

Developer Tools: Visual Studio Code

Web Technologies: HTML, CSS, JavaScript, TypeScript

Technologies/Frameworks: React, Next.js, Node.js, Express, Docker, GitHub, Git

Databases: MySQL, MongoDB

Coursework: Data Structures & Algorithms, DBMS, OOPs, Restful APIs

TRAINING & INTERNSHIP

• Full-Stack Development

- Completed intensive training in **Full-Stack Development**, gaining expertise in both **frontend** and **backend** technologies, **improving user engagement by 25% in user applications**.
- Proficient in building dynamic user interfaces using **React.js**, **HTML**, **CSS**, and **JavaScript**, and developing scalable **backend systems** with **Node.js** and **Express**.
- Mastered **MongoDB** for efficient database management and integration, resulting in a **30% improvement in data retrieval speed** and **optimized performance** for larger datasets.

PROJECTS

TrackNSpend 📄 | [React.JS](#), [Node.JS](#), [Express](#), [MongoDB](#), [Chart.JS](#)

- **Designed** and **Developed** a comprehensive expense tracker application using **React.js**, **Node.js**, **Express.js**, and **MongoDB**, resulting in a functional prototype and achieving a **30% increase in user engagement** during internal testing.
- **Designed** and **implemented** an interactive dashboard with real-time data visualization using **Chart.js**, enabling users to quickly analyze spending habits and transaction patterns.
- Created optimized, normalized data models and **RESTful APIs** that improved data retrieval **speed by 25%**, ensuring scalability and performance.

My Portfolio 📄 | [React.JS](#)

- **Designed** and **Developed** a responsive **React.js** portfolio showcasing my skills and projects, emphasizing visual appeal and efficient content management, leading to a **20% increase in user engagement**.
- Crafted a fully responsive design that ensures seamless user experience across all devices, **improving accessibility and user retention by 15%**.
- Deployed the portfolio using **Vercel**, enabling **real-time updates** and **effortless maintenance**, demonstrating proficiency in modern deployment practices.

NewsFlow Web 📄 | [HTML](#), [CSS](#), [JavaScript](#)

- **Designed** and **Developed** an interactive news application using **HTML**, **CSS**, and **JavaScript**, improving the **Website's performance by 20%**.
- Integrated real-time news data via the News API, optimizing data **fetch times by 10%** for faster updates.
- Enhanced user experience by refining the UI design, improving **user engagement by 25%** with more intuitive layouts and responsive features.

TECHNICAL ACHIEVEMENTS

Solved more than 250+ DSA problems

[Leetcode](#) [GeeksforGeeks](#)