SACHIN KUMAR DAGAR

Alwar, Rajasthan

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EDUCATION

Modern Institute of Technology & Research Centre   **Graduation Year – 2024**
*Computer Science Engineering- **CGPA - 8.28***   *Alwar, Rajasthan*

TECHNICAL SKILLS

Languages: C++, Python
Developer Tools: Visual Studio Code
Web Technologies: HTML, CSS, JavaScript, TypeScript
Technologies/Frameworks: React, Next.js, Node.js, Express, GitHub, Git
Databases: MySQL, MongoDB
DevOps & Cloud Technologies: Docker, Jenkins (CI/CD), AWS
Coursework: Data Structures & Algorithms, DBMS, OOP, Restful API

INTERNSHIP

- **Software Engineer Intern — Success Ladder Technologies**   *Feb 2025 - May 2025*
  - Developed site layout and user interface using **HTML**, **CSS**, and **Bootstrap**, integrating **React.js**, **Next.js**, and other libraries as needed.
  - Implemented **REST API** integration and leveraged **Angular** to develop a responsive e-commerce website, ensuring seamless data flow with backend developers.
  - Utilized web debugging tools like **Chrome Developer Console** to troubleshoot issues and optimize website performance, reducing page load times by **20%** through lazy loading techniques.
  - Collaborated on frontend and backend integration, enhancing user experience and maintaining efficient server-side communication.

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 and reliability.
- Enhanced user experience by refining the UI design, improving **user engagement by 25%** with more intuitive layouts and responsive features.

TECHNICAL ACHIEVEMENTS

Consistent engagement with DSA problem-solving
Leetcode GeeksforGeeks