SACHIN KUMAR DAGAR

Alwar, Rajasthan

📞 +91-9166254105　✉️ sachinkumardagar20001@gmail.com　🔗 sachin-kumar-dagar-a430521ba　⭕ Sachinkumar

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, Restful API, Express, GitHub, Git
Databases: MySQL, MongoDB
DevOps & Cloud Technologies: Docker, Jenkins (CI/CD), AWS
Coursework: Data Structures & Algorithms, DBMS, OOP

INTERNSHIP

- **Software Engineer Intern — Success Ladder Technologies**　　　　　*Feb 2025 – May 2025*
  - Designed and built responsive UIs using **React.js**, **Next.js**, and **Bootstrap**, enhancing user experience on all devices.
  - Integrated **RESTful APIs** for dynamic data handling, ensuring smooth frontend-backend communication.
  - Developed efficient, modular components in **TypeScript**, improving code quality and app performance by **20%**.
  - Used **Chrome DevTools** for debugging and optimization, reducing load times and increasing overall site performance by **30%** .

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 ↗ | Next.js, Tailwind CSS, Framer Motion, TypeScript
  - **Built and deployed** a high-performance, visually polished portfolio using **Next.js**, **Tailwind CSS**, **Framer Motion**, and **TypeScript**, delivering a smooth and modern user experience.
  - Implemented seamless animations and transitions with **Framer Motion**, increasing session duration by **25%** and enhancing interactivity.
  - Optimized responsiveness and accessibility across devices, reducing page load time by **10%** and improving performance by **25%**.
  - Deployed on **Vercel** with CI/CD pipelines, enabling real-time updates and ensuring zero-downtime deployments.

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