

# SACHIN KUMAR DAGAR

Alwar, Rajasthan

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## EXPERIENCE

### • Software Engineer Intern — Success Ladder Technologies

Feb 2025 – May 2025

- Designed and built responsive, cross-browser compatible UIs using **React.js**, and **Bootstrap**, enhancing accessibility and user experience across all devices.
- Integrated and consumed **RESTful APIs** for dynamic data fetching, enabling seamless frontend-backend communication and real-time content updates.
- Developed efficient, reusable, and modular components in **TypeScript**, improving maintainability, reducing bugs, and enhancing app performance by **20%**.
- Utilized **Chrome DevTools** and performance audits for debugging and optimization, cutting load times and boosting site speed by over **30%**.

## PROJECTS

### Droplx 📄 | Next.js, Tailwind CSS, Clerk, ImageKit, PostgreSQL

- **Built and deployed** a secure, high-performance image hosting platform using **Next.js**, **ImageKit**, and **Clerk**, enabling smooth uploads and **99.9% uptime**.
- Designed a modern, responsive UI with **Tailwind CSS**, ensuring cross-device compatibility, and enhanced user experience with smooth transitions using **Hero UI**, leading to a **20% reduction in bounce rate**.
- Integrated **PostgreSQL** to manage user and image metadata, improving data access speed by **30%** through optimized queries.
- Boosted image delivery performance by **40%** through integration of **ImageKit**'s global CDN, automatic format optimization, and lazy loading, significantly improving page speed and mobile usability.

### 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 across all devices.
- Implemented smooth animations with **Framer Motion**, increasing session duration by **25%**, and optimized responsiveness to reduce load time by **10%** and improve performance by **25%**.
- Deployed the application on **Vercel**, enabling real-time updates, continuous deployment, and ensuring zero-downtime production releases.

### TrackNSpend 📄 | React.js, Node.js, Express, MongoDB, Chart.js

- **Built** a full-stack expense tracker using **React.js**, **Node.js**, **Express**, and **MongoDB**, improving engagement by **30%** with responsive UI and optimized backend performance.
- Integrated **Chart.js** to create a real-time, interactive dashboard that visualizes user expenses, and category-wise spending, enhancing user insights and engagement.
- Designed efficient **RESTful APIs** and optimized data models, boosting fetch speed by **25%** and enhancing overall app responsiveness.

## TECHNICAL SKILLS

**Languages:** C++, JAVA

**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

**Coursework:** Data Structures & Algorithms, DBMS, OOP

## EDUCATION

Modern Institute of Technology and Research Centre  
Computer Science Engineering- **CGPA - 8.28**

Graduation Year – 2024

Alwar, Rajasthan

## TECHNICAL ACHIEVEMENTS

Consistent engagement with DSA problem-solving

[Leetcode](#)