

# SACHIN VERMA



s4chin.vercel.app



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## Education

### ARYA College of Engineering & I.T.

Bachelor of Technology in Electrical Engineering (GPA: 8.7)

Jaipur, Rajasthan, India

2020 - 2024 (expected)

### Adarsh Bajrang Inter Colege

Senior Secondary School PCM (Percentage: 73.6 %)

Banda, Uttar Pradesh, India

April 2020

### Saraswati Vidya Mandir Inter College

Secondary School (Percentage: 83 %)

Banda, Uttar Pradesh, India

April 2018

## Projects

### Mystery Messenger :- | Next.js, Tailwind CSS, Shadcn UI.

- I've recently built out API routes within **Next.js**, eliminating the need for a separate backend.
- I've leveraged Zod with React Hook Form for schema validation in forms. Authentication is handled seamlessly with **NextAuth**.
- Additionally, I've integrated the **Gemini API** to provide AI-driven suggestions.
- Throughout the front end, I've Initiated **ShadCN UI** components, including toast notifications.

### Pixel-Pipers:- | React.Js (TypeSciprt), Redux.js, Tailwind CSS.

- Designed a responsive user interface with **React.js** and **Tailwind CSS**, ensuring seamless interaction and feedback.
- Implemented pipe image upload functionality using the **Cloudinary** upload widget and direct file upload methods.
- An integrated image annotation system to label pipes facilitates reinforcement learning for a machine learning model.
- Collaborated closely with team members to meet project goals within specified timelines.

### Web-Chat:- | React.js (TypeScript), Redux.js, Tailwind CSS, Express.js, Node.js, MongoDB, Socket.io, JWT

- Designed and developed 5+ pages authentication, main chat page, and forgot/reset password pages using separate routes with **React Router DOM**.
- To manage state across all components I have utilized **Redux.js**.
- Employed **Express.js** and **MongoDB** for the backend infrastructure. Implemented **Nodemailer** to send reset password links.
- Established bidirectional real-time communication using **Socket.io**.

### Portfolio Website:- | React.js (Typescript), Tailwind CSS, Framer Motion.

- Created a portfolio website using **React.js** and **Tailwind CSS** to showcase my work and skills.
- I arranged the Framer Motion library to incorporate smooth animations for enhanced presentation.

## Skills Summary

- Languages:** C++, Javascript, TypeScript.
- Libraries:** React.js, Redux.js.
- Frameworks:** Next.js, Express.js, Tailwind CSS, Bootstrap.
- Development Tools:** Git, Github, Docker, Postman.
- Database:** MongoDB(NoSQL).

## Certifications And Achivements

- AI-Hackathon A Real-Time Industry Problem by Soft Serve (2024) (Winner)**
- Data Structure And Algorithm: **200+** Problems solved on Leetcode and Geeks For Geeks
- Full Stack Web Development: Udemy (2023)
- AMCAT Employability Test Certificate