

Ansh Singh

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Introduction

Experienced in full-stack web development using Next.js, TailwindCSS, Express.js, SQL / noSQL database.
Proficient in Docker and Linux systems.

Education

SRM IST Chennai, B.tech in Computer Science and engineering

Jan 2022 – Jan 2026

RPS International School, High School Science

Apr 2020 – Mar 2022

Experience

Web developer intern, Quamin Tech Solutions

Oct 2024 – Feb 2025

- Automated database updates while cutting cost by reducing write operation
- Developed back-end API to fetch real-time data from sensors
- Integrated IoT Sensor data to a front-end dashboard
- Added proper rate limit to API and various sanity checks

Projects

Idea Clinic forum

ideaclicin-forum.vercel.app/

- Developed a full stack forum website for SRM Incubation Cell using NextJs, typescript and supabase as database worked on making SQL tables, post creation page and fetching posts from Database fixed some frontend problems with design
- Tech Stack: Nextjs, Supabase (SQL DB)

Image converter

Source Code

- A high speed image conversion web app made using Nextjs and sharp for backend image processing work in progress with a lot of features to come
- Tools Used: Next.js, Express.js

Benchmark tool

Source code

- This Arduino code aims to benchmark all main functions of Arduino board such as calculation speeds, assembly instruction time, memory fetch latency, pin input output latency etc. and provide a final score to determine performance
- Tools Used: Arduino

Awards

1st prize winner in hackathon genesis 1.0

Feb 2024

Made a decentralized voting app using blockchain focusing anonymous use identification
TPHxSRM

Certification

AWS Academy Graduate - AWS Academy Machine Learning Foundations