

Ansh Singh

+91-6359451876 | anshsingh25bd@gmail.com | linkedin.com/in/ansh-singh4 | github.com/AnshhSingh

EDUCATION

SRM Institute of Science and Technology

B.Tech in Computer Science and Engineering

Kattankulathur, TamilNadu

Sep 2022 – Jan 2026

RPS International School

High School Science

Gurgaon, Haryana

Apr 2020 – Mar 2022

EXPERIENCE

Full Stack Developer Intern

Mar 2025 - Aug 2025

Tixon | *Next.js, React.js, Supabase, PostgreSQL, Cloudflare, RESTful APIs, DevOps*

Chennai

- Architected and implemented a ticket booking and management system (React.js + Next.js) used by **1000+ users** at peak hours
- Designed and engineered highly scalable Database and auth flow using Supabase (PostgreSQL framework)
- Integrated ZOHO Payments**, handling 100+ daily transactions end-to-end
- Reduced **deployment costs by 30%** using serverless compute (Cloudflare Workers)
- Architected a Turborepo monorepo improving developer **efficiency by 25% via shared codebases**

Web Developer Intern

Oct 2024 – Feb 2025

Quamin Tech Solutions LLP | *React.js, Next.js, Express.js, Azure Cloud*

Bangalore

- Automated database updates while cutting costs by **35% and reducing write operations** to nearly one-third
- Developed and deployed **RESTful APIs and sockets for real-time sensor data**, integrated into a microservices architecture, increasing reliability by 40%

PROJECTS

Memegen | *Next.js, Framer Motion, TailwindCSS, Azure AI, Supabase*

Apr 2025 - Present

- Built a full-stack web app that converts real-time news headlines into AI-generated memes
- User authentication and Gallery support** for better user experience
- Ensured prompt safety with content filtering and fallback logic to comply with OpenAI's content policy
- Used Gemini flash 2.0 to generate meme prompts to improve image generation output

Idea Clinic forum | *Next.js, TypeScript, PostgreSQL, REST APIs, TailwindCSS*

May 2024 - Oct 2024

- Developed a full-stack forum for SRM Incubation Cell using Next.js, TypeScript, and Supabase
- Designed efficient SQL schemas and implemented **dynamic post workflows and retrieval**
- Improved user retention by **30% by optimizing loading speed**

Other Projects

- Portfolio** – A minimalist, user-friendly personal website to showcase projects
- RAG PDF** – A Web app for PDF parsing with RAG Implementation to query PDFs using an LLM
- Bias Classifier (Political Bias Model)** – A bias classification model for a IEEE published research paper with an **accuracy of 94%**

ACHIEVEMENTS, CERTIFICATIONS AND PUBLICATIONS

Publications: Measuring Political Bias in LLMs Using Fine-Tuned RoBERTa Model

ICSSAS 2025

Certifications: AWS ML Foundations – AWS Academy Graduate

Achievements: 1st Prize – Hackathon Genesis 1.0 (TPHxSRM)

- Implemented a decentralized voting app using blockchain with anonymous user authentication.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Tailwind CSS, Shaden, Redux, CSS

Backend: Node.js, Express.js, Hono, FastAPI, Microservices, Supabase

Database: PostgreSQL, Redis, SQL, NoSQL

Cloud and DevOps: Git, Version Control, AWS, Azure, GCP, Docker, Linux, CI/CD, Cloudflare, Cloud Deployment, Agile

Languages: C/C++, JavaScript, TypeScript, Python, Bash