

SREEMANSAI VISHVAKSENA

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Skills : Full stack development,gen & agentic ai, rag systems,telegram/discord/ai chatbots.

Programming Languages : Typescript,javascript,python,c

Frontend/Backend : React,Nextjs,Astro,Tailwindcss,shadcnui,Nodejs,Bun,Expressjs,websockets,FastApi.

Databases/ORM's : Postgresql,MongoDB,Prisma,Drizzle,Convex,Docker

Gen & agentic ai : Langchain,Langgraph,nlp,llm apis,n8n.

Cloud : AWS(Ec2,Rds,Sns,s3,Lambda),GCP(cloud functions,Gke),Cloudflare pages/workers.

FULL STACK ENGINEER- Zenfinity Energy

December(2025)-present

(Typescript,Python,Nextjs,Mqtt,pub-sub,Redis,TimeScaleDB,Postgressql,Langchain,Aws,Gcp,s3)

- Architected and built **Iris**, a Digital Twin platform for battery intelligence, developing scalable real-time data pipelines, live dashboards (SSE), workflow automation, and backend services handling high-frequency telemetry.
- Engineered **Volta**, an enterprise AI knowledge platform that automates issue management, ticket creation, semantic search, question answering, and internal workflows using LangChain and LLMs..
- Led the migration of the company's e-commerce platform from Shopify to Next.js, redesigning inventory management, CRM integrations, admin tooling, and database architecture.
- Migrated production storage and hosting from GCP to AWS (EC2, S3, CloudFront, etc.), improving operational efficiency and reducing cloud costs by **50%** while maintaining application reliability
- Handled a team of 2 interns,leveraged github co-pilot with efficient use of coding models and tokens.reported directly to product manager.

SDE INTERN- Zenfinity Energy(Typescript,Nextjs,kafka,websockets,docker)

august-November(2025) •

Built an inventory management system from scratch for regular use.

- Built Battery Aadhar platform to track battery cycles with realtime streaming of data from EV batteries(Iot) with kafka.
- Integrated a blockchain layer which resulted in storing the immutable data in blockchain dbs which resulted an increase of costumer satisfaction by 30%.
- Architected database schemas for smooth and efficient retrieval of data.

FULLSTACK DEVELOPER INTERN -Modelsuite.ai(MERN Stack,Tailwindcss)

May-July(2025)

- Contributed in building core components in react and helped in building and delivering good UI with high optimized code.
- Build a content upload feature which allows sharing the image,video,audio,pdf files with agencies and models.
- Learnt redux and version control system like git in collaboration with github.

OPENSOURCE/HACKATHONS-

I actively contribute to interesting opensource repositories and also participate in hackathons for bounties.

PROJECTS-

formsAI-(Nextjs,Typescript,Tailwindcss,shadcn,convexDB,gemini api,clerk)

[Live](#)

- Built a form builder which builds your survey,job,Questionare forms with just a single prompt.This makes Teams more productive.
- Designed a Q/A kind of chatbot which engages the user which results in increases user satisfaction by 30%.
- Built with all the modern tech stack by using gemini llm api and modern convex db which best suits for ai apps.

Image2code- (Nextjs,Typescript,Tailwindcss,shadcn,Drizzle,Postgressql,firebase,llm api's)

[Live](#)

- A web app which converts any image,screenshots and wireframe into the code by harnessing the power of the llms.
- got more than 100 users with the first week of launching the app which built a strict user commitment.
- Built with best coding practises and with all strict typing system with typescript.

QuickNote- (MERN Stack,Tailwindcss)

[github](#)

- Designed a simple yet efficient notes app where users can store there notes and retrieve according their need.
- Implemented chatbot agent which saves the users query with voice recording and answers to users in efficient way
- Implemented strict security polices with bcrypt and jwt.And,wrote a highly scalable code in the backend efficient data retravel and crud operations

Ai /discord / telegram bots & chatbots-(discord.js ,telegraphy,langchain)

Coded and build multiple social media bots for integration also learning RAG systems and building chatbots.

EDUCATION:Btech,Computer Science Engineering, Gurunanak Institutions Technical Campus – 7.8 CGPA-2024