SAI SANTOSH KOTTAKOTA

Tech Lead

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SKILLS

Frontend
- React
- Redux
- Typescript
- Next.JS
- Tailwind
- Vitest

Backend
- Python
- Node.JS
- LanceDB
- Postgres/PgVector
- Firebase
- Phidata

AI
- OpenAI API
- Huggingface
- Ollama
- RAG Agents
- Open Web UI

Misc
- Web Extensions
- WebRTC

PROJECTS

Linkbender **Demo**

A RAG Agent based application to chat over all the links you save from the web.

UI OTG **Explainer**

A Generative AI-based UI framework for real-time data interaction and dynamic component creation from user prompts

Git Ranker

An LLM Based tool to rates and provides issues on your GitHub repositories.

Typesafe Data Layer **Github** & **Explainer**

Fullstack type safety by utilising GraphQL as the single source of truth for types

The Light Project **Github** and **Explainer**

Controlling Devices using Thingsboard and MicroPython

Side Notes **Extension**

Browser Extension that displays notepad on ChatGPT's side

EXPERIENCE

Senior Software Engineer 08/2022 - Present

Sails software Solutions, Visakhapatnam
- Leading the phased migration of a biotech product from WPF to a web-based system with an async communication layer.
- Architecting a scalable multi-library frontend with modular business logic and reusable components
- Spearheading a full UI revamp for a medical scanning equipment, handling complex graphical data

Software Developer | Freelance 04/2022 - 07/2022

Synth AI Labs (YC S21), Bengaluru

Technical Lead 12/2021 - 04/2022

Bikayi (YC S20), Bengaluru
- Led a tech team to develop new features for an existing e- commerce builder
- Implemented a subscription model for recurring payments
- Developed a multi-vendor platform
- Created an appointment booking system

Technical Lead 10/2020 - 12/2021

Sails software Solutions, Visakhapatnam
- Led the UI team, overseeing all aspects of implementation
- Developed the end-to-end product UI for Loqbox Save
- Led the entire process from ideation to delivery for Loqbox Spend mobile app and back office finance software

Founding Engineer 05/2018 - 09/2020

Veda.ai, Visakhapatnam
- Engineered and maintained end-to-end technology and architecture
- Led ideation, design, and development of POCs using cutting-edge technologies like Vision AI on the edge and WebRTC
- Designed the overall development strategy for web and mobile applications

EDUCATION

Bachelor in Computer Science

RGUKT GPA: 8.35

2014 - 2018