

# 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
- RAGs/MCPs
- PineconeDB

### 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

- Building chat interfaces using LLMs and vector search for context-aware conversations.
- 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

### 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