



VENKATA SAI YAKKSHIT REDDY ASODI

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Summary

Dynamic Software Engineer with extensive experience in designing AI-powered platforms, focusing on performance optimization, data pipelines, and conversational AI. Skilled in fine-tuning LLMs, ensuring security, and working closely with stakeholders to translate business needs into technical solutions. Looking to leverage technical proficiency in Python, Docker, and MongoDB to solve complex problems and drive innovation.

Technical Skills

Languages: Python, JavaScript (ES6+), HTML5, CSS3, SQL

Frameworks: React, Next.js, Django, Express.js

Tools: Docker, Git, Azure, MongoDB, Redis, Hugging Face

Cloud: AWS, Azure

APIs: RESTful, GraphQL, OpenAI API, Twilio, Stripe

Data: Redis, MongoDB, SQL, Firebase, Supabase

Experience

Circleup AG

January 2024 – Present

Lead Full Stack Engineer (Frontend Focus)

Zurich, Switzerland

- Developed AI-driven conversational tools, ensuring seamless integration between LLM-powered backend and frontend interfaces, improving performance by 20%.
- Optimized user experience by introducing modern UI components, leveraging React and Next.js for scalable solutions in fast-paced environments.
- Built scalable data pipelines using MongoDB and Redis to ensure real-time data availability and reduced latency.

Cedzlabs

March 2023 – January 2024

Full Stack Developer

Remote, India

- Led the development of AI-assisted event scheduling platforms, using Python for backend APIs and React for user-friendly UIs.
- Integrated third-party services such as Google Calendar and Twilio for automated event management solutions.

Projects

AI-Powered Roleplay System | *Docker, Azure, LLMs, Hugging Face*

June 2023

- Designed an AI-based roleplay platform for customer support teams to practice and improve real-time interactions with customers.
- Fine-tuned large language models on Hugging Face to simulate human-like conversations with up to 90% accuracy in natural language understanding.

AI Resume Tuner | *Next.js, Azure Cloud, RAG, LLMs*

August 2023

- Developed a resume tuning application, utilizing Retrieval-Augmented Generation (RAG) and LLMs to customize resumes based on job descriptions.
- Deployed the backend on Azure Cloud ensuring secure and scalable performance.

Achievements & Contributions

Improved data pipeline performance by 25% at Circleup, reducing latency for real-time data synchronization.

Contributed to open-source AI research projects related to role-based conversational systems.

Received performance-based recognition for delivering optimized, scalable code solutions in fast-paced environments.

Languages

- Telugu - Native, English - Fluent, Hindi - Fluent, German - Elementary, Swedish - Elementary.