

Rithik Sai

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SUMMARY

AI Engineer experienced in building production-grade AI agents, IOS apps, workflow automation systems, and cloud-based backend infrastructure. Skilled in agent orchestration, event-driven architectures, and scalable AI workflow execution using Python, FastAPI, OpenAI Agents SDK, and GCP.

EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

Vellore, TN

2021 – Present

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Rust, SQL, Java, HTML/CSS

Frameworks / Libraries: React, Node.js, Next.js, Express.js, FastAPI, Streamlit, LangChain, Tailwind CSS, Supabase

AI/ML: OpenAI Agents SDK, PyTorch, Hugging Face Transformers, RAG Pipelines, LangChain Agents

Developer Tools: Git, VS Code, Cursor AI, n8n, Postman, PyCharm, Blender, Unity3D, Godot

Cloud / DB / Infra: GCP (Cloud Run, Pub/Sub, Cloud Functions, Cloud Scheduler), Supabase, Firebase, Railway, Render, Vercel, Pinecone, PostgreSQL, MongoDB

EXPERIENCE

AI Engineer Intern

Affint (previously known as Slideo)

Jul 2025 – Present

Bangalore, India

- Built workflow automation infrastructure for an AI office suite integrating **Gmail, Docs, Slack etc using MCP**
- Developed prebuilt and custom AI workflows using **Python, FastAPI, and OpenAI Agents SDK**
- Designed and implemented **PPT, Excel, and Document AI agents** for structured content generation
- Built event-driven backend systems using **GCP Cloud Run, Pub/Sub, Cloud Functions, and Cloud Scheduler**

Internship Trainee

cSigma Finance Inc

Oct 2023 – Dec 2023

Remote, USA

- Assisted in frontend development tasks, contributing to UI components and layout enhancements
- Supported integration of blockchain features into the platform, focusing on user interaction with smart contracts
- Gained hands-on experience in Web3 technologies, frontend frameworks, and blockchain-based finance systems
- **Technologies : HTML, CSS, JavaScript, React, Web3.js, Solidity, Git**

PROJECTS

Multi-Agent Financial Insights Assistant | *Python, FastAPI, LangChain, Pinecone, Streamlit*

- Built a modular **RAG-based AI assistant** for financial query answering using SEC filings and LLM reasoning
- Integrated agents for **voice transcription, SEC scraping, vector retrieval**, and orchestrated AI workflows
- Implemented centralized orchestration with dynamic prompt routing and deployed a voice-enabled **Streamlit** interface

Picto – AI Photo Editor | *Swift, APIs, IOS*

- Built and launched an AI-powered iOS photo editing app for aesthetic transformations and photo editing
- Implemented AI-driven editing workflows and optimized user experience using **SwiftUI**
- Designed, developed, and deployed the application **end-to-end** including **App Store** production release

DeFi Copy Trading Bot on Solana | *Rust, Solana, WebSockets, Tokio*

- Built a real-time **Solana copy trading bot** using low-latency transaction monitoring and execution
- Implemented **WebSocket-based** wallet monitoring to detect and replicate swaps in real time
- Developed predictive execution and smart contract interaction workflows using **Rust** and Solana tooling

CERTIFICATIONS

Microsoft Azure AI - [View Certificate](#)

MCP Crash Course - Model Context Protocol