

Vidya Sagar M.A.V

+91-9676231598 | mavuduru.123.sagar@gmail.com | [LinkedIn](#) | [GitHub](#) | [Medium](#) | [Portfolio](#)

Summary

Software engineer with **4+ years** of full-stack experience, currently building enterprise **Gen AI products** at Junglee Games, including an **AI Agent platform** serving **5+ enterprise clients across multiple geographies** and **multi-agent workflow systems** using **LangGraph**, **MCP**, **A2A**, and **RAG**. Strong foundation in cross-platform mobile development with **Flutter** and **React Native**.

Technical Skills

Python, LangChain, LangGraph, LiteLLM, Google ADK, OpenAI, Bedrock, RAG, Vespa DB, MCP Servers, A2A Protocol, FastAPI, Flutter, React Native, AWS, CDK, CloudFormation, Docker

Experience

Junglee Games

Software Developer 2, Gen AI

Bengaluru, India

Aug 2024 – Present

- Built an enterprise **AI Agent Hub** with **multi-agent workflow builder** end-to-end, enabling real-time agent creation, deployment, and testing, integrated with **MCP servers** (Google, Microsoft, Zoom) and **RAG** tools; deployed with **CDK** scripts and **CloudFormation** via **GitHub Actions** CI/CD, with **multi-region cloud architecture** serving **5+ enterprise clients** across geographies.
- Developed an organization-wide **calendar assistant** with **natural language scheduling**, **smart conflict resolution**, and **meeting summarization** powered by **Gemini** and **MCP servers**, with **cross-platform sync** across Google, Microsoft, and Zoom via secure **OAuth**.
- Led **Poker lobby integration** into **React Native** and web ecosystems, architecting SDKs and platform plugins for **Flutter** and Figma, and built a **dynamic theming system** automating Figma asset extraction with **AWS S3** delivery, reducing integration time by **60%**.

Onpassive Technologies

Flutter Developer

Hyderabad, India

May 2023 – Jun 2024

- Developed mobile apps (**OES**, **OMAIL**, **O-CONNECT**) with **Flutter** featuring real-time video calls, virtual backgrounds, and **3D avatars** using **React** and **three.js**; built **O-Academy** video streaming with **HLS**, **Node.js**, and **WebRTC**.

ONO (Agritech)

Software Engineer

Bengaluru, India

Apr 2022 – Apr 2023

- Built **Ono-Click** for Agricultural Mandi Agents and a custom **PDF generation** backend, reducing document processing time by **90%**.

Bugs & Errors Studio

Flutter Developer

Bengaluru, India

Oct 2021 – Mar 2022

- Developed **Flutter** apps with location services, push notifications, and **biometric-authenticated payment** integration via **GraphQL** and **REST APIs**.

Projects

Multi-Agent System (A2A Protocol) | *Python, LangGraph, MCP, Google A2A*

[GitHub](#) | [Blog](#)

- Built **multi-agent orchestration** with specialist agents (research, writing, coding) coordinated by a **routing agent** using **A2A Protocol**, **LangGraph**, and **MCP** for tool integration.

AI Meeting Bot | *WebRTC, Mediasoup, Google ADK, Gemini, Python*

[Demo](#)

- AI-powered bot** that joins video calls, understands **speaker context**, summarizes conversations, creates **Google Docs/Sheets**, and runs custom **AI workflows** in real-time.

Smart Home Voice Assistant (IVR) | *Twilio, Flask, Gemini, LangGraph, Node.js*

[Demo](#)

- Conversational **IVR** for real-time **smart home control** with natural voice commands using **LangGraph** for AI logic and **Socket.IO** for live device updates.

QuickRTC | *JavaScript, TypeScript, Mediasoup, Socket.IO*

[NPM](#)

- Open-source **WebRTC** video conferencing library reducing 100s of lines of boilerplate to **5 lines**, powered by **Mediasoup SFU**.

Education

Sri Sivani College of Engineering

Bachelor of Engineering in Electrical and Electronics

Srikakulam, India

May 2017 – May 2020