


# Suriya Singaravel

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## SUMMARY

Passionate FullStack AI Engineer with expertise in Generative AI, building advanced multi-agent systems using LangChain, LangGraph and CrewAI. Leverages a MERN full-stack background and Python/FastAPI to architect and deliver robust, end-to-end scalable applications.

## WORK EXPERIENCE

**Software Engineer - HOGR Food Network Pvt Ltd, Kochi** Feb 2024 - present

- Solely developed end-to-end frontend of the HOGR and Chocochip.ai web application using React and Redux, delivering a responsive UI with a modular architecture to support future scalability.
- Engineered **real-time WebSocket integration** and implemented **PayU payment gateway**, ensuring secure transactions and seamless user experience across the HOGR platform.
- Contributed to **40% sales growth** through enhancements to the **HOGR web app**, developed user interfaces for multiple in-house products, and built **Chocochip**.

**Marketing / Web Development Associate - KG Denim Ltd, Bengaluru** Feb 2022 - Apr 2023

- Built static web pages using HTML5, CSS3, and JavaScript for marketing initiatives and product showcases.
- Developed promotional landing pages and internal toolsto support brand communication strategies using Webflow and custom API integrations.

## PROJECTS

**Chocochip.ai - Virtual Waiter Chatbot**

[Live Demo](#) — [GitHub](#)

- Implemented the **Chocochip AI assistant**, allowing guests to interact with an intelligent virtual waiter that provides instant menu recommendations, ingredient insights, and order support.
- Designed a **Retrieval-Augmented Generation (RAG)** architecture using Vector DB for contextual data retrieval, with a **Node.js** backend a **React + Tailwind CSS** frontend for seamless chatbot interactions and Laravel-based admin dashboard.

## EDUCATION

AI Engineering - Progression School, Delhi	Jun 2025 - Oct 2025
FullStack Web Development (MERN Stack) - Masai School, Bengaluru	Apr 2023 - Feb 2024
B.Tech - Anna University, Chennai	Aug 2015 - May 2019

## SKILLS

<b>AI Skills:</b>	RAG, MCP, LangChain, LangGraph, Multi-Agent Systems.
<b>Languages:</b>	Python, JavaScript / TypeScript, PHP
<b>Frameworks:</b>	React.js, Next.js, FastAPI, Node.js, Express.js
<b>Databases:</b>	MongoDB, SQLite, FAISS, ChromaDB, Pinecone