





# MANYAM SANJAY KUMAR REDDY

 sanjaykumarreddymanyam@gmail.com  7601003069  Kadapa, India

 linkedin.com/in/manyamsanjaykumarreddy

## PROFILE

Passionate AI developer specializing in **Agentic AI systems, Generative AI, and cloud-based solutions**. Developed, deployed, and optimized 70+ AI-driven projects, including a patented AI product, showcasing expertise in **LLM fine-tuning, automation, and scalable AI deployments**. Committed to advancing AI technology and building intelligent, autonomous solutions.

## EDUCATION

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|---|--|
| <b>B.tech (9.1 CGPA)</b> , Kalasalingam Academy of Research and Education | Aug 2020 – May 2024<br>Madurai, India    |
| <b>Intermediate (9.69 CGPA)</b> , Sri Chaitanya JR Kalasala               | Jun 2018 – Jun 2020<br>Vijayawada, India |
| <b>SSC (10/10 CGPA)</b> , Viswabharathi English Medium High School        | Jun 2017 – Mar 2018<br>Gudivada, India   |


## PROFESSIONAL EXPERIENCE

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|---|---------------------------------------|
| <b>Software Engineer</b> , Star Systems India PVT LTD   | Mar 2025 – present<br>Chennai, India  |
| Working as an Full Stack Developer with Angular as Frontend and Django Rest Framework as Backend along with Generative AI into the Action   |                                       |
| <b>Backend &amp; AI Developer Intern</b> , Oneyes Infotech Solutions  | Mar 2022 – Oct 2024<br>Chennai, India |
| Led team management at Oneyes Infotech Solutions, overseeing AI and backend development. Built the <b>ESS platform</b> and managed <b>Medxbay</b> , a healthcare project for UAE customers, ensuring scalable AI-driven solutions |                                       |

## SKILLS

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|---|--|--|
| <b>Python Programming</b><br>Object Oriented Programming & Data Science   | <b>Machine Learning , Deep Learning &amp; Natural Language Processing</b><br>EDA & Model Building with Deployment in AWS | <b>Frontend Development</b><br>HTML, CSS ,Java Script , Type Script, Angular 19, React   |
| <b>Backend Development</b><br>Project Development with Appwrite, Supabase, Sanity, Django & FastAPI   | <b>Databases</b><br>Worked on MySQL, PostgreSQL, AstraDB & MongoDB Databases   | <b>Bussiness Intelligence Tools</b><br>Better Working Proficiency in SQL , EXCEL , Tableau & Power BI  |
| <b>Generative AI</b><br>Proficient working Experience with the API's of Gemini, OpenAI & Langchain with AWS Cloud Deployment including Finetuning | <b>Cloud</b><br>Better Working Experience with AWS Bed Rock, Google Cloud Server Managements                             | <b>Agentic AI</b><br>Proficient in working with Agentic AI frameworks, including CrewAI, Phidata, LangGraph, and LangFlow, with expertise in AWS Cloud Deployment and LLM fine-tuning. |

## PROFESSIONAL PROJECTS

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|---|-------------------------------|
| <b>TN SKILL Registry Platform [TNSDC]</b> ,<br>Involved in AI , Frontend and Backend Development   | Jun 2025 – Present<br>Chennai |
| An AI-powered recruitment platform designed to connect industries and students, facilitating seamless job opportunities through the <i>Naan Mudhalvan</i> portal across Tamil Nadu. Integrated with advanced AI features and in-portal access to streamline the hiring and application process. |                               |

<https://naanmudhalvan.tn.gov.in/tnskillregistry/login/> 

## **Medxbay - Global healthcare platform, Scrum Master & Team Lead**

Jul 2024 – Oct 2024

An UAE Based Healthcare platform which gave me many challenges to complete but with our team's skill we crafted it much better. Coming to my involvement I was handling all the Server Side parts like Cloud Managmmment & AI Integrations. This Project made me an Exceptional Leader in the Corporate Field.


<https://medxbay.com/> 

## **PROJECTS**

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**AI-Powered News Agent**, Developed an AI-driven news generation and reporting system using CrewAI, FastAPI, and Next.js, enabling autonomous research, content optimization, and real-time news generation. Deployed on Vercel and Render, ensuring scalability and seamless performance.

Jan 2025 – Feb 2025

<https://ai-news-reporter-frontend.vercel.app/> 

**TaskZen – AI-Powered Task Management Platform**, Built an agentic task management and HR automation platform using CrewAI and FastAPI, enabling AI-driven task assignment, intelligent project tracking, automated documentation generation, and smart summarization. Deployed on Vercel for seamless scalability and performance.


Jan 2025 – present

<https://taskzen.theskilledguru.com/> 

### **An AI Powered Automation Product for Machine Learning Tasks**

**Developed a non-existing AI Product** that *automates* all the ML Tasks in which it takes datasets and algorithms as input and generates high-accuracy **models** in **.pkl** and **.h5** files, along with **Backend Integration** with Flask and Streamlit.

An AI Product with Patents and Copyright

**Travel Accodomations Service Application with advanced Metric**, This application was built on top of Django with all the Full Stack Features along with Secured Authentication & Authorization 

Feb 2021 – Sep 2022

## **PUBLICATIONS**

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**Analysis of Various Regressions for Stock Data Prediction**

25 Nov 2022

IEEE Publisher

## **EXTRA - CURRICULAR ACTIVITIES**

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**Ineuron & PW Skills**, Campus Ambassador

Jan 2023 – Feb 2024

Bengaluru, India

**Vishaka Club KARE**, Technical Head & Official Edtech Partner

Mar 2023 – Feb 2024

Madurai, India

## **AWARDS**

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**National Level Hackathon conducted by iNeuron and PW Skills** – Level 2 |

**University Level IBM Project Competetion in Deep Learning** – Gold Medal |

**Finisher of the Code Vipasanna Season 8 for Google Cloud** – Finisher

## DECLARATION

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I declare that the information stated in this resume is true and complete to the best of my knowledge and I authorize verification of the same.

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**Manyam Sanjay Kumar Reddy**  
Kadapa, 08-03-2025