



EDUCATION

Sri Eshwar College of Engineering	B.TECH (AI&DS)	CGPA 8.45 (Upto 4 th Semester)	2022-2026
Vidhya Vikashini Matric Hr Sec School	HSC	93.0%	2020-2022
Vidhya Vikashini Matric Hr Sec School	SSLC	85.6%	2019-2020

INTERNSHIP

AI Engineer – Plotch.ai 2024

Fine-tuned LLMs for robust deployment across customer support and e-commerce. Managed end-to-end data pipelines, built scalable backends, and deployed AI services on AWS using Docker.

Tech stack : LLM, PEFT, AWS, Hugging Face, Flask, Redis, Shopify, Docker, OpenAI.

AI Intern – CellStrat 2024

Built intelligent document systems using LangChain and on AWS EC2 for dynamic response generation. Optimized AWS Lambda and S3 for scalability, with well-documented and efficient RESTful APIs.

Tech stack: AWS, OpenAI, Docker, LangChain, Qdrant, Pinecone, Git

PROJECTS

VizCodeAssist 2025

Built VizCodeAssist.ai, an AI-powered platform for codebase analysis and voice-assisted developer support. Features are architecture visualization, tech stack extraction, security analysis, a real-time AI call agent for contextual support.

Tech stack : React, FastAPI, Node.js, LLM, RAG, Ollama, Twilio, ASR, TTS, Deepgram, Docker

AI Call Agent 2025

Designed an intelligent AI agent integrated with real-time databases to automate customer support tasks like order assistance and ticket raising. It leverages tool-calling capabilities to enhance efficiency and streamline operations.

Tech stack : LLM, OpenAI, LangChain, Prompt Engineering, Twilio, WebSocket, ASR, TTS

IntelliCare 2024

Created an AI-driven healthcare system using OCR and LLMs to extract information from prescriptions and medical reports. Integrated RAG for contextual support, multilingual translation, and report summarization in local languages.

Tech stack : OCR, Deep Learning, Streamlit, RAG, Gemini, Google Translate, PEFT

Edu Quest 2024

Developed an AI-powered education app using Flutter and Dart that supports doubt clarification through text, image, and PDF inputs using Gemini LLM. Included PDF-based quiz generation and local storage for tracking query and quiz history.

Tech stack : Flutter, Dart, LLM, RAG, Mediapipe, On-device LLM (Gemma)

Special Device For Visually Challenged People 2023

Designed a wearable belt using YOLO and ESP32 Cam for real-time object detection with SOS functionality, enhancing mobility for the visually impaired.

Tech stack : Python, ML, Embedded C, IoT, ESP32

CERTIFICATIONS

Certified in Generative AI with Large Language Models | Coursera 2025

Computer Use with Anthropic & AI Agentic Design Patterns with AutoGen | DeepLearning.AI 2025

Certified in AWS Cloud Quest: Cloud Practitioner Badge | AWS 2024

Certified in Introduction to Networking | Nvidia 2024

Certified in Intermediate and Advanced Certification in MySQL | HackerRank 2024

Certified in Introduction to programming and The Joy of computing using Python | NPTEL 2023

Certified in Mastering Data Structures in C and C++ by Abdul Bari | Udemy 2023

ACHIEVEMENTS

Leetcode : Rating-1800+ | Top 6.15% | Profile

Healthcare Jam by Cellstart : Secured first place with a cash prize

2 x Intel OneAPI Hackathon : Top 10 among 500 teams

PSG iTech Hack Fest : Finalist in National Level Hackathon

Java-DB Hackathon : Secured 1st Position

IITDM ML Hackathon : Top 30 in National Level ML Hackathon

SKILLS

Programming Language	C C++ Python OOPS Java Dart Basic Flutter
Technical	ML NLP LLM Gen AI SQL NoSQL Fine Tuning Vector DB AI Agents
Frameworks/Libraries	LangChain Flask Django FastAPI TensorFlow PyTorch Transformers Streamlit Ollama
Web Technologies	HTML CSS React JS Node.js Playwright (Web Automation)
Tools	Git GitHub Docker AWS Google Colab Kaggle Notion VS Code Trae Postman Bitbucket