

# RAMA SAI KIRAN MEDAM

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Software Dev Engineer ◊

+91 6303728397 Hyderabad, India (Open to Relocation – Bangalore)

## PROFESSIONAL SUMMARY

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Results-driven Software Engineer with strong fundamentals in Data Structures, Algorithms, Distributed Systems, and OOP. Passionate about building customer-obsessed solutions and innovating in fast-paced, agile environments.

## EDUCATION

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### ACE ENGINEERING COLLEGE

Bachelor of Technology in Computer Science and Engineering

2022-2026

CGPA-8.34/10

## INTERNSHIP EXPERIENCE

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AI Developer Intern - Swecha

May 2025 - June 2025

Built Python-based multilingual inference APIs using FastAPI.

Integrated LLM-powered translation logic and automated evaluation pipelines.

Improved testing and inference throughput by 30% through workflow optimization.

AI-ML Virtual Intern - AICTE

Apr 2025 - June 2025

Implemented ML workflows for training, evaluation, and inference.

Contributed to the development of NLP-driven AI tools and model pipelines.

## TECHNICAL PROJECTS

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**AI-Powered Speech and Document Translator (React, PostgreSQL, FastAPI)** Feb 2025-July 2025 [View Live](#)

Optimized backend performance, achieving a 35% increase in processing speed through effective caching strategies.

Built robust REST APIs integrating translation services and seamless document upload pipelines (PDF/DOCX).

Engineered multilingual translation APIs using Google Translate and speech-recognition models.

**Collaborative Workspace (React, PostgreSQL, Node.js)** Aug 2025-Aug 2025

[View Live](#)

Built a real-time task management and collaboration platform using the MERN stack.

Integrated Google Calendar, GitHub, and Notion APIs to support meetings, shared workspaces, and weekly productivity reports.

## TECHNICAL SKILLS

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**Programming:** Java

**Backend & Systems:** REST APIs, FastAPI, Distributed System Concepts

**Databases:** MySQL, MongoDB, PostgreSQL

**Core CS:** Data Structures And Algorithms, OOP, System Design (Basics)

## ACHIEVEMENTS

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LeetCode : Top 13% globally (Contest Rating: 1,392).

OpenAI x NxtWave Buildathon 2025 : Selected in Round 2 nationwide.

Google Gen AI Hackathon: Selected for Prototype Refinement Phase.

Pearson Mepro English Proficiency: Level 10(GSE).