

Jeevanth Bheeman

AI/ML Engineer

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PROFESSIONAL SUMMARY

AI/ML Engineer with strong experience in speech processing, NLP, and computer vision. Skilled in developing and deploying machine learning models for speech recognition, text understanding, and visual analysis. Proficient in working with large language models (LLMs) and implementing Retrieval-Augmented Generation (RAG) architectures for building intelligent, context-aware applications.

Also experienced in full-stack development, with expertise in React, Next.js, FastAPI, and modern database systems. Capable of delivering robust, end-to-end AI-powered solutions by combining deep learning with scalable software engineering

EXPERIENCE

RBG.AI, Coimbatore— AI/ML INTERN

January 2025 - June 2025

EDUCATION

Karpagam College Of Engineering, Coimbatore— B.tech in information technology

2020-2024 -7.85 CGPA

Sri Kumaran Public School, Tirupur— computer Science/HSC

2019-2020 -70%

Christus Rex Senior Secondary School, Ooty— SSLC

2017-2018 -66%

PROJECTS

RBG.AI:

- worked on a large-scale voice recognition project using ASR models.
- Had opportunity to work on Computer vision project image to text using ocr extraction and AI pipeline
- Internal Erp worked in Frontend(react js)

Own Projects:

- Serving an LLM Application as an API endpoint using FastAPI
- AI Tutoring System implementing Rag for voice conversation using faster-whisper,langchain+chroma db, XttsV2
- Created Chatbot using Ollama,Langchain,Gradio and Fastapi in Agentic Rag
- Voice Cloning model with Custom Speaker Encoder and along with the googles tts model tacotron and waveglow
- Implemented Rag architecture Chatbot for CRM Support
- Fine-tuned the distilbert model for sentimental Analysis
- Fine-Tuning Llama 3 and Using It Locally

SKILLS

Programming Languages:

Python,Javascript

Back-end Technology:

Fast Api, Flask, MicroService Architecture

Front-end Technology:

React js

Database:

MSSQL,Mongo DB,Mysql

Domain:

Speech Recognition, Text Classification, NLP, Computer Vision, RAG, Agentic

RAG, Classification, Regression

Devops/Mlops:

Azure Devops, Docker, Jenkins, kubernetes

Vector Database:

Chroma, Duckdb, Faiss

AI/ML Libraries/Frameworks:

Numpy, pandas, pyTorch, Scikit-learn, Langchain, Transformers, Huggingface, Langgraph, CrewAI

Tools:

Git, VS Code, Pycharm, Jupyter, Postman

HOBBIES :-

Football, Movie, Books

LANGUAGES:-

English, Tamil

