



# RONITH KOTLA

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 Hyderabad

## EXPERIENCE

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### ❖ AI / ML Engineer Intern | Vibencode

Dec,2024 – Present

- Experience with integration of LLM's like OpenAI, Deepseek and other open-source large language models.
- Working on AI-driven projects and tools that could reduce the work of Sales, HR and other colleagues.
- Researching and integrating open-source tools/ API's and modifying them according to our needs.
- Developed a conversational HR agent chatbot that takes care of pre-technical interview , generates report and ranks candidates based on scores.
- Experience with Git and Python programming language and frameworks like transformers, spacy, BERT.

## EDUCATION

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- **B.Tech** in Computer Science Engineering – (AI & ML)

- ❖ Bharat Institute of Engineering and Technology (affiliated to JNTUH)

(2021–2025)

- ❖ CGPA : 7.6

## TECHNICAL SKILLS

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**PROGRAMMING:** Python, SQL, HTML, CSS

**Python Frameworks:** Tensorflow, Keras, Pytorch, Pandas, Scikitlearn, Streamlit, FastAPI, Flask, Spacy

**TOOLS:** MySQL, Docker, GitHub, Jupyter Notebook, VScode

**SOFT SKILLS:** Communication skills, Problem Solving ,Time Management ,Team work

## COURSES & CERTIFICATIONS

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❖ Generative AI from Great Learning.

❖ Machine Learning from Udemy

❖ NLP & Text Mining from Simplilearn.

❖ Deep Learning from Coursera

❖ Data Science by SCALER.

❖ Python\_essentials course by CISCO Networking Academy.

## PROJECTS

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### ❖ Smart Student Career Companion :- ( Gen AI Project )

#### ❖ Virtual Interview Preparation Assistant

Conversational AI includes Speech-to-text and Text-to-speech and uses llama LLM. Converts resume/document into text and starts the interview by asking questions based on resume using Large Language Models APIs.

#### ❖ Resume Analyzer & Career Guidance Assistant

A Chatbot takes input a resume and analyzes it by providing score and also gives suggestions on which fields to be improved and provides a way to communicate/ Chat about any advice/Guidance needed with the help of llama LLM.

#### ❖ Research Analysis Tool & Assignment Helper

Works based on RAG (Retrieval Augmented Generation) model by using Langchain, OpenAI API, GPT, Vector Database, SerpAPI for getting information from google search engine, Web Scraping, Hugging Face for Text embedding.

### ❖ Cold Email Generator & Sender using LLM

Extracting information from Careers page by Web Scraping, LLM (LLAMA) extracts required skills, company name, and job description and converting into vector embeddings using ChromaDB/FAISS vector database and performs Similarity / Semantic Search to match eligible candidates based on Students profiles and generates an email with option to copy, send via mail, whatsapp and conversational agent to get details about students.

### ❖ Air\_Canvas (A Virtual Painter) using Computer Vision

Allows user to draw on live screen without interacting directly by analyzing the position of hand from camera by using Mediapipe ,OpenCv and saves the audio/video files of the whole session as soon as the user close the window.