SUDHEER KONDUBOINA

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Email   : konduboinasudheer@gmail.com
Location   : Rajampalem, Andhra Pradesh – 534318

OBJECTIVE

Motivated and technically skilled **AI/ML Engineer** passionate about building intelligent systems that combine data, machine learning, and human interaction. Seeking an **internship or entry-level opportunity** to apply my knowledge in **natural language processing, deep learning, and data-driven problem solving** while contributing to real-world AI innovations..

EDUCATION

- **Parul Institute of Computer Application**, Parul University
  Integrated MCA (2023–2027) – 84%

- **Sri Venkateswara Junior College**, BIE Andhra Pradesh
  Intermediate (2020–2022) – 76.5%

- **Narayana E.M. School**, BSE Andhra Pradesh
  10th (2019–2020) – 93.6%

TECHNICAL SKILLS

- **Cloud Platforms:**

  Google Cloud Platform (GCP): Compute Engine, Cloud Storage, IAM, VPC, GKE, Cloud Build, Cloud SQL, Artifact Registry

  AWS: EC2, S3, IAM

- **DevOps Tools**: Git, Jenkins, Docker, Kubernetes (GKE), Terraform, CI/CD Pipelines

- **Programming:** Python, JavaScript

- **Database:** MongoDB, Cloud SQL

- **Tools:** GitHub, VS Code, Canva

- **Artificial Intelligence & Machine Learning:**
  Python, TensorFlow, Keras, scikit-learn, LangChain, Hugging Face Transformers, Natural Language Processing (NLP), Sentiment Analysis, Speech Emotion Recognition, Feature Engineering, Model Training & Evaluation

PROJECTS

Project1. INSIGHT-AI – Medical Knowledge Assistant (AI Chatbot)

Tech Stack: Python, LangChain, FAISS, Streamlit, Hugging Face Transformers, OpenAI API, NLP

- Developed an AI-powered healthcare chatbot capable of answering medical queries using a retrieval-augmented generation (RAG) architecture.

- Processed and embedded 40+ MB of medical literature for accurate and citation-based answers.
- Implemented semantic search with FAISS embeddings and LangChain for context-aware query retrieval.
- Designed a Streamlit interface for real-time user conversations and improved UX.

Project2. Voice Sentiment Assistant – Speech Emotion Recognition

Tech Stack: Python, librosa, scikit-learn, TensorFlow, SpeechRecognition
- Developed a voice-based emotion detection model to recognize emotions from speech input.
- Extracted MFCC and Chroma features and trained a CNN + SVM hybrid model for accurate emotion classification.
- Created an interactive dashboard for emotion visualization and model performance tracking.

Project3. AI Text Generator – Transformer-based Text Generation

Tech Stack: Python, TensorFlow, Keras, NLP, Streamlit
- Built a text generation model aligned with sentiment (Positive, Negative, Neutral).
- Utilized Hugging Face Transformers for text generation and sentiment detection.
- Enabled chat history storage and downloadable responses within a Streamlit web app.

Project4. DevOps Demo Assignment (CI/CD + Kubernetes Project)

- Designed and deployed a **Node.js web application** with full CI/CD automation.
- Created and configured **Dockerfile** for containerization and **Kubernetes manifests** (`deployment.yaml`, `service.yaml`) for orchestration.
- Implemented **GitHub Actions workflows** for continuous build and deployment automation.
- Gained practical experience integrating **Kubernetes and Docker** in a cloud-native pipeline.
- **Technologies Used:** Node.js, Docker, Kubernetes (YAML), GitHub Actions, CI/CD.

INTERNSHIP

- ➢ **Company:** AICTE (in collaboration with Edunet Foundation & IBM)
  Role: Artificial Intelligence & Machine Learning Intern
  Duration: 18th June 2025 – 30th July 2025 (6 Weeks)
  Experience Gained:

  - ❖ Gained hands-on exposure to **AI & ML concepts** and applied them in guided projects.
  - ❖ Strengthened skills in **real-world problem-solving** and building **data-driven solutions**.
  - ❖ Explored applications of **AI, ML, and Cloud Computing** with mentorship from industry experts (IBM & Edunet Foundation).

- ➢ **Company:** SkillCraft Technology
  Role: Web Development Intern
  Duration: 15th Oct 2024 – 14th Nov 2024 (1 Month)
  Certificate ID: SCT/OCT24/5513
  Experience Gained:

  - ❖ Completed real-time web development projects like Stopwatch, To-Do App

- ❖ Gained practical skills in HTML, CSS, and JavaScript
- ❖ Strengthened page structuring, and responsive UI techniques

CERTIFICATIONS & CLOUD ACHIEVEMENTS

- Develop Your Google Cloud Network — *Earned Sept 9, 2025*
- Set Up an App Dev Environment on Google Cloud — *Earned Sept 23, 2025*
- Build a Website on Google Cloud — *Earned Sept 7, 2025*

HOBBIES

- Listening to **Ilayaraja** Sir's music and enjoying his timeless compositions
- Passionate about **traveling** the world, exploring new cultures, and experiencing diverse lifestyles

KEY SKILLS

- Proficient in MS PowerPoint, Word, Excel, and creative design using Canva
- Basic foundation in DevOps tools like Git, Jenkins, and Docker
- Quick learner with a problem-solving mindset
- Excellent communication, teamwork, and problem-solving abilities
- Hands-on experience with **Google Cloud Platform (GCP) services** like Compute Engine, Cloud Storage, IAM, VPC Networking, and Kubernetes Engine

PERSONAL INFORMATION

- **Father's Name:** Konduboina RamaKrishna
- **Mother's Name:** Konduboina SanthiKumari
- **Date of Birth:** 12 February 2004
- **Gender:** Male
- **Nationality:** Indian
- **Languages Known:** Telugu, English, Hindi

DECLARATION

I hereby declare that all the information provided above is true and correct to the best of my knowledge and belief. I take full responsibility for the authenticity of the details mentioned.

Date: 11-11-2025
Place: Vadodara
Signature: Sudheer Konduboina