RAMA KRISHNA CHAITHANYA SEELA

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PROFILE SUMMARY

Passionate AI and ML enthusiast, seeking a dynamic entry-level position as a Computer Science and Engineering professional, to utilize my abilities developed through my education with an opportunity for career growth and growth of the organisation. Leveraging AI to accelerate software development.

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering (AI&ML) //**
  Srinivasa Ramanujan Institute of Technology, Anantapur **// CGPA:** 9.31   *2021 - 2025*
- **High Schooling //** *Sri Vasavi Junior College, Dharmavaram* **// Percentage:** 97   *2019 - 2021*
- **Secondary Schooling //** *Rupa Raja's P.C.M.R English Medium High School, Dharmavaram* **// CGPA:** 10   *2018 - 2019*

PROJECTS

Automated Detection of Hate Speech in Online Platforms
- The problem we tried to address was the need for an effective mechanism to automatically detect and mitigate hate speech in the online group chat platforms, ensuring a safer and more welcoming environment for all users.
- Developed a deep learning model using a **Bidirectional Long Short-Term Memory (BiLSTM)** network with **GloVe embeddings** and designed the front-end using **Gradio**.

Multi User Chatbot with Conversational RAG
- An intelligent **Retrieval-Augmented Generation (RAG)** chatbot built with Python, designed to provide accurate and context-aware responses by leveraging external knowledge sources, and utilized **Chroma Vector Store** for efficient similarity search, clustering of dense vectors.
- Implemented **history aware context retrieval chain** to handle follow up questions of a user in a session.
- Created endpoints for the chatbot using **FastAPI** and deployed the same using **Streamlit**.

INTERNSHIPS

Infosys Springboard // Artificial Intelligence Intern // May 2024 – July 2024
- Completed 8 weeks internship by working as a team leader in a group project by efficiently accomplishing weekly milestones such as Data collection, EDA, preprocessing, Benchmarking ML model, Model optimization.
- Developed a deep learning model for Automated Detection of Hate Speech in Online Platforms and achieved the performance of 86% accuracy from the model.

Edunet Foundation by IBM SkillsBuild // AI and Cloud Intern // February 2024 – March 2024
- Completed the internship in the duration of 4 weeks, gained practical knowledge on IBM Watson assistant chatbot and worked on developing a deep learning model for Sentiment Analysis for Restaurant Reviews using RNN.

SKILLS

- **Technical**   : Python, SQL, C, Java, Machine Learning, Deep Learning, Generative AI, RAG, AI Agents
- **Tools**   : Basics of Git, GitHub, Jupyter Notebook, Visual Studio, Alteryx, ollama
- **Frameworks**   : Django, Flask, TensorFlow, LangChain, Hugging Face,
- **Soft Skills**   : Empathetic Listener, Multitasking, Team working

ACHIEVEMENTS AND CERTIFICATIONS

- Ranked top in the college level coding contest "**HackWithSRIT**" conducted by "**Programmers Club**" two times in August 2023 and October 2023.
- Completed the certifications: "**Salesforce Certified Platform Developer 1**" and "**Salesforce Certified Agentforce Specialist**" with knowledge on concepts like Apex programming, Lightning Web Components, data modelling, process automation, prompt engineering, and Agentforce AI Solutions on the Salesforce Platform.
- Completed the certification: "**Oracle Cloud Infrastructure 2024 Generative AI Professional**" from Oracle University with strong knowledge on the concepts such as LLMs, Vector databases, RAG, fine tuning, prompt engineering.
- Completed the certification: "**Microsoft Azure AI Fundamentals**" from Microsoft Learn with knowledge on the concepts like Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing, Computer Vision.

HACKATHONS

- Proposed ideas for Smart India Hackathon in 2023 and 2024.
- Participated in Bee Hacks hackathon conducted as a part of National level technical symposium 'PIXEL-2023' organized by JNTUA and Developed Silk Saree Catalogue webpage with my team Sainath Reddy R and Rohith P.

PERSONAL INFORMATION

- **Father Name**   : Chowdaiah S
- **Mother Name**   : Lakshmi S
- **Date of Birth**   : 28-07-2004
- **Hobbies**   : Listening music, playing cricket & volleyball, surfing internet, drawing, sketching & painting
- **Languages Known** : English, Hindi, Telugu
- **Nationality**   : Indian

DECLARATION

I solemnly declare that all the information given above is true to the best of my knowledge and belief.

Place: Dharmavaram

Date: **Rama Krishna Chaithanya S**