

Sai Teja Ramacharla

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PROFILE

Computer Science graduate with experience in Full Stack Web Development, skilled in Java and Python. Passionate about exploring how technology can improve lives. I'm always looking for ways to optimize and simplify projects. A strong believer in teamwork and continuous learning, I'm excited to collaborate and create something awesome.

INTERNSHIP

Bharat Intern 10/2023 – 11/2023

- Completed internship at Bharat Intern, gaining hands-on experience in Full Stack Web Development.
- Successfully developed and implemented two impactful projects: a Content Management Tool and a Project Management Tool.

SocTel Technologies 08/2023 – 09/2023

- As a Data Analyst Intern I worked on a project "Fake News Detection".
- Using Sklearn and Pandas in Python I have Successfully Completed the Project at SocTel Technologies.

EDUCATION

SCSVMV University 12/2020 – 06/2024
Computer Science and Engineering, 9.23/10 CGPA Kanchipuram, India

St. Patrick's Junior College 04/2018 – 03/2020
Intermediate(XII), 89 Percentage Hyderabad, India

SKILLS

Programming — Java, Python | **Frontend** — HTML, CSS, Javascript | **Database** — Oracle | **Framework** — Spring Boot, Flask | **Data Science** — Pandas, Seaborn, Numpy | **Machine Learning** — Numpy, TensorFlow, Scikit-Learn, PyTorch | **Tools** — Microsoft Office Tools | **Open CV** — Matplotlib, Turtle, Pytesseract

PROJECTS

Chatbot

- This is a Python-based chatbot which can interact with users via text-based input. It also has text-to-speech capability, which can provide voice responses to users.
- Technologies: Python, Flask, Machine Learning(Keras, Numpy), Natural Language Processing (NLP) Libraries (NLTK and WordNet Lemmatizer), Speech Recognition Libraries (SpeechRecognition and GoogleAPI).

Speech to Text Web App

- Developed a Python-based web application using Flask for speech-to-text transcripts. Users can transcribe speech from a microphone, audio file, or video file.
- Features include transcription saving and cleanup mechanisms for a seamless user experience.
- Technologies: Python, Flask, Audio/Video Processing(MoviePy, PyDub), SpeechRecognition (SpeechRecognition Library, Google Web Speech API), JavaScript, jQuery.

PUBLICATIONS

THE FUTURE OF AI: TRANSFORMING TOMORROW 11/11/2023
INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING & MANAGEMENT

PREDICTIVE ANALYTICS ON BIG DATA 02/02/2024
INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING & MANAGEMENT

CERTIFICATES

Google Cloud Computing Foundations (NPTEL) 08/2023 – 10/2023

The Complete 2023 Web Development Bootcamp (Udemy) 07/2023 – present

Python Data Structures and Algorithms (LinkedIn Learning) 11/2023 – 01/2024