

SAMYUKTHA VARMA SANGARAJU

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EDUCATION

Bachelor of Technology , Vellore Institute of Technology, Vellore Majoring in Electronics and Communication Current CGPA - 8.71	2022 - 2026
11th and 12th , The Orbis School, Pune Board Percentage - 80.4%	2020 - 2022
High School , Vibgyor High, Pune Board Percentage - 93.4%	2013 - 2020

SKILLS

Languages	Python, R, HTML, CSS, React
Tech Stack and Libraries	NumPy, Pandas, Scikit-learn, PyTorch, Matplotlib, SQL
Soft Skills	Collaborative, Motivated, Oral communication, Project Management, Attention to detail
Courses	Data Structures and Algorithms, Object Oriented Programming, AWS Cloud Computing

PROJECTS

- **Resume Analyzer using NLP:**
 - Built with Streamlit, using PyResparser and PDFMiner for resume data extraction.
 - Developed a scoring system for resume quality.
 - Offered personalized career advice, tips, and course suggestions.
 - Employed the K-Nearest Neighbors (KNN) algorithm for analyzing and categorizing resumes.
- **Language Translator using NLP:**
 - Implemented a function to tokenize input text, perform translation using the trained model, and decode the output into translated text.
 - Utilized the MarianMTModel and MarianTokenizer from the Hugging Face Transformers library.
- **Financial Tracker using MERN stack:**
 - The primary objective of this project is to allow users to add or delete expenses, categorize them for better tracking, and manage different payment modes.
 - Frontend: React, HTML, CSS, Javascript
 - Backend: Node.js and Express.js
 - Database: MongoDB

ACHIEVEMENTS

- Selected for the final round of the Bioinfluence Biohackathon, organized nationwide by Biversity+.
- Top 6 in Code Run Seek 4.0, a coding competition organized by IEEE-IAS, amongst 500 other participants.

VOLUNTEERING

- Conducted engaging sessions and hands-on demonstrations on open source, Git, and GitHub for about 200 students as part of IEEE student chapter.
- Authored a comprehensive blog on Zero Trust Security Architecture for the Research and Development domain in IEEE-Computer Society Chapter.

EXTRA-CURRICULAR ACTIVITIES

- Passionate marathon participant with experience in winning half marathon.
- Guinness World Record holder for participating in the largest Kuchipudi dance group performance.