Poloju Sai Chaithanya

Hyderabad, Telangana

☐ +91 9052986557 • ✉ 004polojusaichaithanya@gmail.com

in poloju-sai-chaithanya-554287292

Personal Profile

Innovative and enthusiastic individual having a good balance of technical and inter-personnel skills willing to contribute to team success through hard work. Seeking a challenging position in a reputable organization to expand and utilize my learning, skills and knowledge.

Projects

AIHealthPro: **Developed a Disease Prediction System:**
- Utilized machine learning algorithms (Logistic Regression, Decision Trees, SVM) to predict diabetes, lung, liver, and blood pressure conditions.
- Built a Flask-based web application for real-time predictions with a user-friendly interface.

Language Detection: **Created a Language Detection Model:**
- Identified 25 Indian native languages with high accuracy using machine learning techniques.
- Developed a Flask-based web application for real-time detection with an intuitive interface.

Skin Cancer Detection: **Developed a Deep Learning-Based Skin Cancer Detection Model:**
- Used transfer learning with pre-trained models to enhance classification performance.
- Implemented multiclass image classification to differentiate various skin cancer types.
- Achieved high accuracy in detecting different types of skin cancer.

Social Media Platform: **Designed and Implemented a Social Media Platform:**
- Developed a full-stack Python project enabling user authentication, profile management, and real-time interactions.
- Integrated Django for the backend and implemented a responsive design for a seamless user experience.

Skills

Languages: Python, Java (DSA), C, C++, HTML, CSS, JavaScript.

Web Development: Python (Flask), React.js, Express.js

Databases: SQL, MongoDB.

ML & DL: Experience with ML/DL algorithms using TensorFlow.

Tools: VS Code, Jupyter, GitHub.

Soft Skills: Adaptability, teamwork, communication.

Other: Debugging, performance tuning.

Education

SR Digi School	**Hyderabad**
SSC, CGPA: 10/10	*2021*
GPT Masab Tank	**Hyderabad**
Diploma in CSE, CGPA: 9.89/10	
ECET Rank: 28	*2021–2024*
CBIT	**Hyderabad**
B.E in CSE, CGPA: 9.20/10	*2024–Present*

Achievements & Certifications

2025: **Deep Learning Certification - CBIT Winter Upskilling:**
- Successfully completed a certification program on Deep Learning as part of CBIT's Winter Upskilling initiative in January 2025.
- Demonstrated commitment to academic excellence and practical knowledge in deep learning techniques.

2024: **Special Mention in CBIT Hacktober Fest 2024:**
- Contributed to the development of an AI PDF Assistant for page summarization using Hugging Face models during the 24-hour hackathon.
- Developed key components of the website, earning special mention for contributions.

2024: **Internship Certification from CODTECH IT:**
- Completed a full-stack development internship, working on a **Social Media Platform** and **Portfolio Website**, involving front-end (HTML, CSS, JavaScript) and back-end (Flask, Django) development.
- Gained hands-on experience in user authentication, responsive design, and full-stack development.

2023: **Machine Learning with Python - Great Learning:**
- Gained foundational knowledge of machine learning concepts, including data manipulation with **Pandas** and **NumPy**.
- Learned to implement machine learning algorithms using **scikit-learn** and studied **supervised learning** techniques like regression and classification.

Workshops & Training

2023: **Completed Training on Full-Stack Web Development, GPT Masab Tank & Industrial Training at NilTech:**
- Gained hands-on experience in **HTML**, **CSS**, **JavaScript**, **Node.js**, and **Flask** for full-stack web development.
- Applied acquired skills in real-world projects, gaining experience in both front-end and back-end development.

2024: **Attended a React JS & FastAPI Bootcamp by CBIT Open Source Community:**
- Gained comprehensive knowledge of **React JS** for building dynamic and interactive user interfaces.
- Learned to develop RESTful APIs using FastAPI, focusing on speed, efficiency, and security in backend development.
- Worked on hands-on projects integrating React JS with FastAPI, gaining practical experience in full-stack development.