

Dharanidhara Chowdary Tammina

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SUMMARY

Passionate tech enthusiast with experience in Web development and Machine Learning. Committed to continuous learning and making impactful contributions in the tech industry.

EDUCATION

Sreenidhi Institute of Science and Technology <i>Bachelor of Technology in Computer Science - IoT</i>	Hyderabad, Telangana Dec 2021 – Present
Sri Chaitanya <i>Class XII</i>	Hyderabad, Telangana 2021
Sanghamitra School <i>Class X</i>	Hyderabad, Telangana 2019

EXPERIENCE

Project Intern <i>INCOIS - Indian National Centre for Ocean Information Services</i>	May 2024 - June 2024 Hyderabad, Telangana
<ul style="list-style-type: none">Analyzed and implemented downscaling methods using Python and Kalpana for high-resolution flood mapping.Utilized Docker and Miniconda for environment setup and deployment.Conducted comparative analysis of static and head loss downscaling methods to improve flood prediction accuracy.	

PROJECTS

MedMAX <i>Python, HTML & CSS, JavaScript, Flask</i> Project Link	February 2024 - Present
<ul style="list-style-type: none">MedMax simplifies access to prescriptions and healthcare products with its online platform.It includes an intelligent chatbot powered by NLP and Generative AI for seamless assistance.MedMax enhances user experience, reducing transaction times by 30% and boosting satisfaction by 25% through reliable chatbot support.	
ApnaAwaaz.ai <i>GenAI, Python, RVC, ML, Git</i> Project Link	June 2024
<ul style="list-style-type: none">Developed an AI model using the RVC deep learning algorithm to transform any audio clip (e.g., songs, movie dialogues, jokes) into the user's voice by analyzing and applying the user's voice profile to the audio's pitch, tone, and tempo.Implemented Text-to-Speech (TTS) technology to convert text input into speech using the user's cloned voice, enabling quick voice messages in chats without new recordings.Integrated generative AI tools to create new songs from user-provided lyrics or themes, synthesizing the music in the user's voice for a personalized musical experience.Created a unique AI voice transformation tool in a 36-hour hackathon.Enabled personalized voice messages and music synthesis using advanced AI technologies.	
Projects at FMML IIITH	Aug 2023 – May 2024
<ul style="list-style-type: none">Breast cancer prediction - Machine Learning, MLP Classifier Project LinkEmotion Recognition Project LinkMovie Recommendation Engine Project LinkFinger Counter Project LinkDiabetes prediction Project Link	

TECHNICAL SKILLS

Languages: Python, C/C++, Java, JavaScript, HTML/CSS

Frameworks: React, Flask

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Google Colab,

Libraries: Pandas, NumPy, Matplotlib, TensorFlow, Scikit-Learn, PyTorch

CERTIFICATIONS & PUBLICATIONS

Foundations of Modern Machine Learning

Aug 2023 - May 2024

IIIT-H – The International Institute of Information Technology - Hyderabad

Certificate Link

Publication - Integrating Block chain Technology in Various IoT Applications

2023

IJSET Journal

Paper Link

INVOLVEMENT

Full Stack Development Trainee

December 2023 - Present

Sreenidhi Institute of Science and Technology

Treasurer

May 2024 - Present

Sreenidhi Institute of Science and Technology | IoT Visionary Club

Member

December 2021 - Present

Sreenidhi Institute of Science and Technology | Sports Club

Editor

January 2022 - December 2023

Sreenidhi Institute of Science and Technology | Sreenidhi Photography Club