

# Dharanidhara Chowdary Tammina

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## SUMMARY

Passionate tech enthusiast with experience in Data Analysis, NLP, and Machine Learning, recently delving into Web3 and Blockchain. Committed to continuous learning and making impactful contributions in the tech industry.

## EDUCATION

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

## EXPERIENCE

<b>Project Intern</b> <i>INCOIS - Indian National Centre for Ocean Information Services</i>	May 2024 - Present Hyderabad, Telangana
<ul style="list-style-type: none"><li>Actively participated in a data visualization and automation project aimed at developing a flood detection model.</li><li>Contributed to designing and implementing machine learning algorithms for flood detection, fine-tuning model parameters, and automating data processing workflows.</li><li>Developed a Python project for flood detection and automation, enhancing efficiency and accuracy in data processing.</li><li>Collaborated with colleagues to gain valuable experience in applying data science techniques to environmental monitoring and disaster management.</li></ul>	
<b>AI-ML Virtual Internship</b> <i>Google - India Edu Program</i>	April 2024 - June 2024 Remote
<b>Android Developer Virtual Internship</b> <i>Google - India Edu Program</i>	September 2023 - November 2023 Remote

## PROJECTS

<b>MedMAX</b>   <i>Python, HTML &amp; CSS, JavaScript, Flask</i>   <b>Project Link</b>	February 2024 - Present
<ul style="list-style-type: none"><li>MedMax simplifies access to prescriptions and healthcare products with its online platform.</li><li>It includes an intelligent chatbot powered by NLP and Generative AI for seamless assistance.</li><li>MedMax enhances user experience, reducing transaction times by 30% and boosting satisfaction by 25% through reliable chatbot support.</li></ul>	
<b>ApnaAwaaz.ai</b>   <i>GenAI, Python, RVC, ML, Git</i>   <b>Project Link</b>	June 2024
<ul style="list-style-type: none"><li>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.</li><li>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.</li><li>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.</li></ul>	

- 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

- Breast cancer prediction - Machine Learning, MLP Classifier | **Project Link**
- Emotion Recognition | **Project Link**
- Movie Recommendation Engine | **Project Link**
- Finger Counter | **Project Link**
- Diabetes prediction | **Project Link**

## TECHNICAL SKILLS

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**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

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### 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

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### 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*