

Hari Sharan Garlapati

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EDUCATION

BACHELORS of TECHNOLOGY - Computer Science and Engineering	2022 – 2026
B V RAJU INSTITUTE OF TECHNOLOGY	CGPA : 9.23
INTERMEDIATE – MPC	2020 – 2022
NARAYANA JUNIOR COLLEGE	PERC : 98.1%
MATRICULATION	2020
NARAYANA E-TECHNO SCHOOL	CGPA : 10

TECHNICAL SKILLSs

- **Programming Languages:** C, C++, Java, Python.
- **Web Technologies:** HTML, CSS, Java Script, Node JS.
- **Databases:** MySQL, MongoDB.
- **Machine Learning and AI:** Pandas and GeoPandas, Scikit-Learn, LandTrendr.
- **Software Tools:** MATLAB, StarUML, Google Earth Engine, QGIS, ArcGIS.

EXPERIENCE

- National Institute of Advanced Studies (NIAS)** **August - September 2024**
- Completed a **6-week** internship at the National Institute of Advanced Studies, where I specialized in **Remote Sensing** techniques to identify rubber plantations in Assam using Satellite Imagery on the **Google Earth Engine** platform.
 - It included analyzing large-scale Satellite data to accurately detect plantation areas and applying the **LandTrendr** model to estimate the age of rubber plantations. This experience honed my skills in Geospatial Analysis and Satellite data processing.

- GOOGLE AI-ML VIRTUAL INTERNSHIP** **January - March 2024**
- Completed **Virtual Internship** under the guidance of **GOOGLE** in the area of **AI and Machine Learning**. Acquired Knowledge on image processing and **Image Identification and Analysis** using **TensorFlow**.

- IBM SkillsBuild** **June 2023 - July 2023**
- **Worked** as an **Intern** under the guidance of **IBM** in the area of **Artificial Intelligence**. Acquired knowledge on machine learning concepts using python and completed a project named **“Mental health Tracker”** using Machine Learning algorithms like **Random Forest Regressor** and other **ML algorithms**.

PROJECTS

- MENTAL HEALTH TRACKER** **June 2023 - August 2023**
- Developed a project titled **Mental Health Tracker** using Python's Machine Learning techniques like **Random Forest Regression** and **Linear Regression** to predict Mental Health of a person using existing and predicted values.
- AI Driven Multimodal Health Care Chat Bot**
- Developed an advanced AI-powered healthcare chatbot as part of a project focused on improving patient interaction and healthcare delivery. Leveraged **Natural Language Processing (NLP)** algorithms and **Deep Learning techniques** to enhance the chatbot's functionality, enabling multimodal interactions via text and voice.

RESEARCH PUBLICATIONS

- G. Hari Sharan, “Advancing healthcare accessibility: Development of an AI-driven multimodal chatbot,” in Proceedings of the **IEEE 2024** 4th International Conference for Intelligent Technologies (**CONIT**), Hubballi, Karnataka, India, 2024, p. 10.

CERTIFICATIONS

- Completed “**Programming Essentials in C(CLA)**”.
- Completed “**Programming Essentials in Python (PCAP)**”.
- Secured **Silver** with **75%** in **JAVA Programming in NPTEL** platform.
- **MATLAB** Onramp.
- **Image Processing Onramp** using MATLAB.
- **Google AI ML** Virtual Internship certificate.
- **Google Android Developer** Internship certificate.

EXTRACURRICULAR ACTIVITIES

- Took part in **MUN (Model United Nation)** as a Spanish debater and earned a certificate of excellence.
- Volunteered in the **Street Cause** in order to support and contribute towards society.
- Participated in the event named **PROMETHEAN** in the quest **ATHER VISTA** based on languages HTML and CSS.

ACHIEVEMENTS

- Won **3 Gold** and **2 Bronze** Medals in **National Science Olympiad (NSO)** exams during High School.
- Won **3 Gold Medals** in **NSTSE** exams during High School.
- Won **Silver Medal** in **North Zone Inter School Martial Arts Open Championship** in the 7th Standard.
- Won Memento for Zonal Level final round in **Master Orator Debate** competition in the 8th Standard.

PERSONALITY TRAITS

- Leadership skills
- Team Work
- Time Management
- Action Oriented
- Adaptability
- Optimism

PERSONAL PROFILE

- **Date of Birth:** 13 August 2004
- **Gender:** Male
- **Languages Known:** English, Hindi, Telugu
- **Address:** plot no.77, Vasavi Nagar, Old Alwal, Secunderabad, 500010
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