

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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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	
<ul style="list-style-type: none">• 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
- **Contact:** +91 8978756044