

# Nerella Keerthi

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## Career Objective

Aspiring Application Engineer with strong interests in open-source development, AI, and societal impact. Selected as a Tech Lead Intern in Swecha Telangana's Viswam.AI program, contributing to AI solutions for local languages.

## Education

- **B.Tech in Computer Science and Engineering**  
BVRIT HYDERABAD, affiliated with JNTU-H, (CGPA: 7.81 until 5th sem) 2022-2026
- **Intermediate in MPC**  
KLN Junior College, Miryalaguda, (Percentage: 91.4%) 2020-2022
- **SSC**  
Aditya High School , Miryalaguda, (GPA: 10/10) 2020

## Technical Skills

- **Programming Languages:** Python, Java, C.
- **Core Concepts:** Object-Oriented Programming, Data Structures Algorithms.
- **Web Technologies:** HTML, CSS.
- **Databases:** SQL.
- **Tools & Platforms:** Git, GitHub, Visual Studio Code.
- **Soft Skills:** Quick learner, Adaptable, self-starter, problem-solver.

## Projects

- **RAG-Based Chatbot using Hugging Face & Streamlit**
  - Built a Retrieval-Augmented Generation chatbot that answers user queries grounded in local PDF documents using Hugging Face transformers.
  - [GitHub Repo: github.com/keerthi070/RAG](https://github.com/keerthi070/RAG)
- **AgriTech**
  - Developed an AI-powered farming assistant to recommend crops, detect plant diseases via image-based AI, suggest fertilizers, and offer real-time market price insights. Designed to support farmers with smart, data-driven agricultural decisions.
  - <https://code.swecha.org/Keerthi07/agritech/-/tree/main/>

## Experience

- **Swecha POC – BVRIT Hyderabad**
  - Acted as Point of Contact between Swecha and the college, coordinating tasks and technical setups.
  - Engaged peers in open-source activities and led discussions on responsibilities and ongoing projects.
  - Contributed to the development of a Hugging Face AI Assistant under Swecha's initiative.
- **Tech-Lead Intern – Viswam.AI (Summer of AI 2025)(Open Source Community)**
  - Built and deployed community-driven chatbots using Hugging Face and Streamlit, enhancing accessibility in local languages.
  - Supporting open-source deployment of community-driven solutions with a focus on local language accessibility.

## Trainings

- Selected as a Mentee at Amazon ML Summer School 2025, organized by Girls Leading Tech.

## Achievements

- Finalist of AI Hack Days 2025.
- Volunter and Core member of DevAstra'25 Hackathon
- Selected for MSME Internal Hackathon.
- Contributor at GirlScript Summer of Code (GSSoC) 2024 – Participated in open source projects and contributed code collaboratively.
- Selected for SIH internal hackathon.
- Recognized as a top performer on the Overall Leaderboard at TechGig – for consistent performance in open source coding contests and challenges.

## Certifications

- HackerRank Certification in Python (Basic)
- IBM Badge in Web Development Fundamentals
- HackerRank Certification in SQL (Basic)

## Languages

- Telugu
- English
- Hindi