Nerella Keerthi

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Education

- **B.Tech in Computer Science and Engineering (AI & ML)**
  BVRIT HYDERABAD College of Engineering for Women (CGPA: 7.8) 2022–2026
- **Intermediate (MPC) – 91.4%**
  KLN Junior College, Miryalaguda 2020–2022
- **SSC – GPA: 10/10**
  Aditya High School, Miryalaguda 2020

Mentorships & Internships

- **Tech-Lead Intern – Summer of AI 2025 (Open Source Community)**
  - Developed and deployed AI-based chatbots using Python and Streamlit.
  - Coordinated with multiple teams, ensuring smooth collaboration and quality delivery.
  - Documented workflows and mentored junior contributors.
- **Mentor – Junior Projects, BVRIT HYDERABAD**
  - Guided students in Python, Java, and introductory machine learning.
  - Helped teams structure their projects and improve presentation quality.

Projects

- **Sign Language Video Assistant (Browser Extension)**
  - Built a browser extension that displays a 3D sign-language avatar beside online videos.
  - Enhances accessibility for individuals with hearing impairments.
- **AgriTech – AI-powered Farming Assistant**
  - Designed an AI agent to recommend crops, detect plant diseases, and provide market insights.
  - Performed data preprocessing, CV-model evaluation, and fine-tuning.
  - https://code.swecha.org/Keerthi07/agritech/-/tree/main/

Skills

- **Programming:** Java (Core), Python, C
- **Foundations:** OOPs, Data Structures & Algorithms, Complexity Analysis
- **Development Practices:** Code Reviews, Documentation Standards, Platform Development
- **Tools:** Git & Version Control, Devops.
- **ML Tools:** Streamlit, Hugging Face, LLMs, RAG
- **Soft Skills:** Problem Solving ,Self-Learning, Leadership, Fast Learning, Ownership

Trainings

- Selected as **Mentee – Amazon ML Summer School 2025**, conducted by Girls Leading Tech.

Achievements

- Finalist – AI Hack Days 2025
- Core Member & Volunteer – DevAstra'25 Hackathon
- Advanced to Round 2 – Vultr Cloud Innovate Hackathon, where our team used Kubernetes for deploying and scaling microservices
- Selected for MSME and SIH Internal Hackathons
- Recognized as Top Performer on TechGig Leaderboard
- Contributor – GirlScript Summer of Code 2024

Certifications

- Diploma in Computer Applications (DCA), SV Infotech — MS Office (Excel, PowerPoint)
- HackerRank Python (Basic)
- HackerRank SQL (Basic)
- IBM Badge – Web Development Fundamentals

Positions of Responsibility

- **PoC (Point of Contact) – VISWAM.AI**
  - Coordinated communication between VISWAM teams and college participants.
  - Managed responsibilities including event planning, mentoring, and reporting.