

Hariharan Narlakanti

Aspiring Software Development Engineer (SDE)

+91 8686937565 | narlakantihariharan@gmail.com | Hyderabad, India | LinkedIn | GitHub

OBJECTIVE

Final-year B.Tech student in CSE (AIML), aspiring Software Development Engineer. Skilled in Java, Python, DSA, Full Stack, and AI/ML projects with proven ability to build scalable solutions. Seeking full-time SDE role at a product-based company to apply technical expertise and contribute to impactful software.

EDUCATION

Malla Reddy University, Hyderabad <i>B.Tech in Computer Science (Artificial Intelligence & Machine Learning)</i>	Jun 2022 – Present CGPA: 8.76/10
TSBIE Board <i>Senior Secondary</i>	2019 – 2020 89%
SSC Board <i>Secondary</i>	2019 CGPA: 8.8/10

TECHNICAL SKILLS

Languages: Python, Java, JavaScript

Frontend: HTML, CSS, React **Backend:** Node.js, Express.js

Databases: MySQL, MongoDB **AI/ML:** ML Algorithms, NLP, Computer Vision

CS Fundamentals: DSA, OOP, OS, DBMS, CN

Tools: Git, GitHub, VS Code, Colab, Jupyter

EXPERIENCE

Full Stack Virtual Internship — SmartInternz (Remote) May 2025 – Jul 2025

- Developed a full-stack web application using React, Node.js, and MongoDB as part of a structured virtual internship program.
- Implemented authentication, CRUD operations, and REST APIs aligned with industry practices.
- Strengthened practical skills in end-to-end development and collaboration workflows.

PROJECTS

AgroAid – Multilingual Pest Diagnosis & Pesticide Recommendation Jan 2025 – Mar 2025
Self-Initiated Project

- Built a multilingual ML-NLP system to identify crop issues and suggest accurate pesticide solutions for farmers.
- Integrated a crop-pest-pesticide database with refined input handling to improve diagnosis accuracy by 35%.
- Supported 5+ languages to enhance accessibility across diverse regions.

Helmet Detection System Using Computer Vision Oct 2024 – Dec 2024
Academic Project

- Developed a real-time helmet detection system using CNN, TensorFlow, and OpenCV, achieving 95% accuracy.
- Enabled live camera integration with instant alerts for safety non-compliance in construction zones.
- Optimized for varied lighting and environmental conditions with minimal performance drop.

VoiceVibes – Emotion Identification in Speech Jul 2024 – Sep 2024
Academic Project

- Created a speech emotion recognition system using MFCCs, CNN/RNN models, and RAVDESS & SAVEE datasets.
- Achieved accurate classification across 6+ emotional states, aiding applications in mental health and HCI.
- Applied advanced signal processing techniques to extract rich emotional cues from voice recordings.

ACHIEVEMENTS

- Participated in AI Expo Ideathon; collaborated in a team to present innovative AI solutions under time pressure.
- Independently built 5+ AI/ML and Full-Stack projects, demonstrating strong problem-solving and self-learning skills.
- Completed academic and personal projects applying ML, computer vision, and web technologies to real-world problems.

CERTIFICATIONS

- AWS Cloud Foundations — AWS Academy (Apr 2025)
- SQL Intermediate — HackerRank (Mar 2025)
- Google Data Analytics Professional Certificate — Coursera (Mar 2024)