Mahima Chowdary Mannava

PROFILE

Results-driven computer science undergrad who is passionate about developing real-world projects using AI based knowledge that benefits both the organization and society. Proficient in PYTHON, R, and SQL. Interested in implementing and launching new initiatives. Ability to translate business requirements into technical solutions.

EDUCATION

- **B.Tech. CSE Engineering** **CGPA – 7.75 / 10**
  2019 – 2023

Amrita School of Engineering,

Amrita Vishwa Vidyapeetham, Amrithapuri

- **Class 12** – **2019**

Institution: Sri Chaitanya College

- **Class 10** – **2017**

Institution: Narayana EM School

TECHNICAL INTERESTS

- Machine learning
- Deep learning
- Natural Language Processing
- Networking

PROJECTS

- **Real-time Intelligent Auscultation Sound Diagnostic System**
  - With the use of the Raspberry Pi and deep learning algorithms, a low-cost stethoscope to detect lung ailments has been created.
- **Skin Cancer Detection**
  - A Deep Learning model for classifying seven types of pigmented lesions is being developed

INTERNSHIP

R&D Intern @ Synopsys

Quality by Design : Worked on Clang-Tidy .Clang-Tidy is a source code linting tool that find programming errors.
Fixed the errors detected by clang-tidy on ndm directories .
Fixed errors like null pointers divide-by-zero, bugprone-unused-raii ,suspicious-enum usage, etc.
Collaborated with other teams and team members to come up with ideas for fixing the errors that would satisfy all the static-checkers.

TECHNICAL SKILLS

- Python
- HTML
- CSS
- JavaScript
- C
- PostgreSQL
- Java

LANGUAGES

- English – Full Professional proficiency
- Telugu – Native proficiency

HOBBIES

- Reading Books
- Music