**SWETHA MANUKONDA**

**PROFILE**

An enthusiastic and driven computer science student seeking an entry level position in an esteemed organisation to gain relevant skills, knowledge and experience in the field of software development and related areas, to create innovative solutions for real world problems and bring about positive changes in the world through technology.

**EDUCATION**

* **B.Tech Computer Science and Engineering**

**CGPA – 8.46 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 97.9% **2019**

Institution: Bhashyam Junior College

* **Class 10** – 85% **2017**

Institution: Loyola Public School

**TECHNICAL INTERESTS**

Machine Learning, Data Science

**PROJECTS**

***SIGN LANGUAGE DETECTION***   
PERIOD: Jul-Dec 2021   
OBJECTIVE: building a real time application that can detect Indian Sign Language signs and gestures (alphabets and digits)   
TOOLS AND TECHNIQUES: openCV for image preprocessing, keras and tensorflow for CNN model building   
OUTCOME: learnt various image processing techniques, successfully trained and tested a CNN, applied a ML model in real time environment   
***BOOK RECOMMENDATION SYSTEM***   
PERIOD: Jul-Dec 2021   
OBJECTIVE: building a recommendation system that suggests books based on readers with similar tastes   
TOOLS AND TECHNIQUES: data preprocessing, EDA and visualization, feature engineering, hypothesis testing, model building with KNN algorithm   
OUTCOME: learnt data processing, visualization and hypothesis testing techniques, understood importance of feature selection, successfully applied KNN algorithm   
***EVENT MANAGEMENT SYSTEM***   
PERIOD: Jul-Dec 2020   
OBJECTIVE: build an application that assists users in the process of planning and managing an event   
TOOLS AND TECHNIQUES: HTML, CSS, JS for frontend, XAMPP web stack (SQL and PHP for backend)   
OUTCOME: learnt basic web development like creating a simple UI for a website and PHP, learnt how to create, manage and query a database with SQL and hosting a website locally with web server solution stack

**TECHNICAL SKILLS**

OpenCV, Python, HTML, CSS, JavaScript, SQL, PHP, XAMPP

**INTERNSHIP**

**Service Engineer,** PROVIDENCE GLOBAL CENTER

**LANGUAGES**

English, Telugu, Hindi

**ACHIEVEMENTS & HONOURS**

SHE THE FORCE HACKATHON

One among the top 12 finalist teams in the ‘Hack for Sustainability’ conducted by WiT ACE and IBM.

PERIOD: 16th to 18th July, 2021