**Sowmya Boyalla**

**PROFILE**

A keen and passionate student seeking for an entry level position in Software Development with inclination towards Machine Learning, Deep Learning, Cloud Computing and related domains which results in development as a person and as an organization.

**EDUCATION**

* **B.Tech Computer and Communication Engineering**

**CGPA – 8.97 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 98.8% **2019**

Institution:

* **Class 10** – 100% **2017**

Institution:

**TECHNICAL INTERESTS**

Machine Learning and Deep Learning, Cloud Computing (AWS), Computer Networks

**PROJECTS**

**Human Prosthetic Hand (Jan 2020-Feb 2020)**

**Document Clustering (Feb 2021 – March 2021)**

·Objective: An ML based approach where we apply cluster analysis to textual documents in our case articles (Wikipedia), thereby organizing new articles and documents effectively for easy search and retrieval.·Tools or techniques used: Python3, Clustering algorithms.

**Weather Detection (July 2021)**

·Objective: A simple flutter application designed to detect the weather of the location from which you are operating and also display whichever place weather conditions we require.

·Tools or techniques used: Dart, Flutter.

**AI Virtual Painter (December 2021 – Present)**

·Objective: A simple computer vision-based application that enables one to virtually paint in air using

fingers. Its main use case is for children to ease the visualization of objects and things in online classes.

·Tools or techniques used: Python3, OpenCV, Media pipe.

**Human Activity Recognition Using Video Classification** (February 2022 – April 2022)

·Objective: To build a model that is used to detect human activity performed in a video like picking something

up, putting something down using a variety of video classification methods.

·Tools or techniques used: Python3, Video Classification Methods

**TECHNICAL SKILLS**

AWS, Python, Deep Learning, Machine Learning, HTML/CSS, C, AWS

**INTERNSHIP**

**·Subject Matter Expert Intern– Data Structures and Algorithms at My Ways**

**(October 2021 – Present)**

·Objective: Solve different projects such as mini- projects, major-projects in DSA and Doubt clearing session

for DSA course on My ways personalized AI platform.

·Tools or techniques used: Python3

**CERTIFICATIONS**

AWS Certified Cloud Practitioner by Amazon Web Services Training and Certification

Python Data Structures by University of Michigan

Basic Flutter Development by Amrita Vishwa Vidyapeetham

Introduction to IoT and Embedded Systems by University of California, Irvine

**LANGUAGES**

English, Telugu