**SURAJ S**

**PROFILE**

Dynamic & results oriented graduate possessing excellent communication skills, Team spirit, Leadership skills and good working knowledge in Computers. Analytically skilled to take up tasks which require high end problem solving skills and good temperament.

**EDUCATION**

* **M.Tech Artificial Intelligence and Machine learning**

**CGPA – 8.1 / 10**

* **B.Tech Electronics and Communication Engineering**

**CGPA – 6.6 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 85.33% **2019**

Institution:

* **Class 10** – 96.6% **2017**

Institution:

**TECHNICAL INTERESTS**

Data Science, Natural Language processing, Deep learning, Machine learning

**PROJECTS**

**Research Intern , ABB - Bangalore**

August 2022 - Present

1.Working on Survey for resource constrained frameworks for machine learning and deep learning implementation on devices

2, Currently working on thesis based on sensor drift correction and detection.

3. Familiarized with federated learning , gossip learning using flower framework and python

4. Building a algorithm for sensor drft detection and correction in a resource constrained devices like arduino nano

**Data Scientist & NLP Engineer , Caspar Technologies - Kochi , Kerala**

February 2020 - Aug 2021

1. Created a recommendation engine for predicting best words for user to make the emails open, best time for sending emails, best emojis, best numbers, best day.

2. Worked on NLP-related tasks for predicting the next word from a sequence using transformers , BERT, LSTM , RNN 3. Data visualization tasks are done parallelly for making more insightful informations in the model using PCA , Tableau , R studio , Dimensionality reduction , google data studio , excel etc.

4. Created multiple NLP models for sequence generation using different transformers architectures.

**Co-founder ,Expert Evidence Kochi , Kerala**

June 2019 - feb 2020

1 . Worked to ensure a neat and attractive sales environment, and assisted in the setup of visual displays. 2 . Created a 3 member team for building the core concept

3 . Incubated by IIT-Mandi

**TECHNICAL SKILLS**

Tensorflow, Tensorflow Lite, Spacy, Keras, Tableau, Pytorch, Rstudio , Python ,Arduino IDE, Platform.io

**LANGUAGES**

English, Malayalam