**SURYA GAYATHRI S**

**PROFILE**

A technology enthusiast who aspire to pursue a career in Computer Science where the skills and abilities could be used to solve real world problems. Aim-ing to add values to the organization and have zeal to work in software test-ing and quality assurance.

**EDUCATION**

* **B.Tech Electronics and Computer Engineering**

**CGPA – 8.12 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 80.33% **2019**

Institution:

* **Class 10** – 86.6% **2017**

Institution:

**TECHNICAL INTERESTS**

Databases, OOPs, Cloud Computing

**PROJECTS**

**Home Automation**

A productive solution for home automation developed using Arduino and Blue- tooth Module.

**Bank Management System**

A simple application to manage banking system, transactions and payment developed using basic C Programming.

**Dimensionality reduction using PCA for k Nearest Neighbour Classifier**

A project related to machine learning in which we used PCA to reduce the train data and using k-nearest neighbour algorithm we are finding label of the test data.

**Word Analyzer for Indian Languages**

The project focuses on developing a Word Analyzer for Indian languages, with a specific emphasis on Malayalam, one of the prominent languages spoken in the Indian state of Kerala. The objective is to provide a tool that can effectively analyze and process Malayalam words, enabling various language-related tasks such as word segmentation, morphological analysis is and part-of-speech tagging

**TECHNICAL SKILLS**

C, C++, Arduino, Python

**LANGUAGES**

English, Hindi, Malayalam