**SAMYUKTHA T H**

**PROFILE**

A Software Engineer, seeking opportunities in a dynamic organization, to work in a challenging environment that utilizes my logical, technical and reasoning abilities in Problem Solving and Cloud Computing in order to contribute for the professional growth of the organization, as well as myself.

**EDUCATION**

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

**CGPA – 8.41 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 88% **2019**

Institution: Sri Vijay Vidyashram Senior Secondary School, Dharmapuri

* **Class 10** – 94% **2017**

Institution: Sri Vijay Vidyashram Senior Secondary School, Dharmapuri

**TECHNICAL INTERESTS**

Cloud Computing   
Data Structures   
Embedded Systems   
Database Management Systems   
Computer Networks   
Multi rate Signal Processing   
Machine Learning

**PROJECTS**

**AI J.A.R.V.I.S**

Duration/Period: 28/6/2022 - 07/09/2022  
Objective: To recreate the Artificial Intelligence User Interface J.A.R.V.I.S(Desktop Voice Assistant)

Tools or techniques used: VS Code, Python IDLE

**Personalization for GE Healthcare India’s website using Amazon Personalize.**

Details: Created a prototype (replica of GE Healthcare India’s website) and added personalized recommendations using Amazon Personalize.

Tools or techniques used: Used various tools like Amazon Personalize, Next.js, and Beautiful Soup

**Human Centred Design – Problem Solving**

Objective: To analyze, understand common problems faced by people from rural area and develop a design as a solution.

**Income generation opportunities through utilisation** **of wheat husk**

Objective: To analyze, understand common problems faced by people from rural area and develop a design as a solution.

**Smart and Secure Campus Network Using Cisco Packet Tracer**

Objective: To create a smart and secure campus using Cisco Packet Tracer with Various IoT devices setup online along with a website for security.

My Role: Topology Designer.

Tools or techniques used: Cisco Packet Tracer, HTML, CSS.

**TECHNICAL SKILLS**

AWS Cloud Basics -   
 -EC2, S3, Infrastructure, Security   
 -VPC, DBS, Lambda   
ML and AI, Data Structures and Algorithms,C, Embedded C, C++, Python, Jupyter Notebook, Keil uVision, MATLAB, Cisco Packet Tracer, Intellij IDEA, Pycharm, AutoCAD, CEDAR, Proteus

**CERTIFICATIONS**

**AWS Cloud Practitioner Certification**

**ACHIEVEMENTS & HONOURS**

**GE Hack'E'LTH Hackathon Winner.**

Topic: Personalization for GE Healthcare India’s website using Amazon Personalize.

Details: Created a prototype (replica of GE Healthcare India’s website) and added personalized recommendations using Amazon Personalize.Used various tools like Amazon Personalize, Next.js, and Beautiful Soup

**EXTRA CURRICULAR ACTIVITIES**

Reading books, dancing, singing, swimming.

An Active member of Literary Club – SRISHTI.

Travelling, Working out regularly.

Public Speaking and Oratory.