**SRUTHI K**

**PROFILE**

To build up a dynamic career while working in a challenging environment with ample prospects for growth organization-wise and knowledge-wise.

**EDUCATION**

* **M.Tech Artificial Intelligence**

**CGPA – 8.32 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **B.E Computer Science and Engineering**

**CGPA – 8.0 / 10 2019-2023**

* **Class 12** – 86% **2019**
* **Class 10** – 86% **2017**

**TECHNICAL INTERESTS**

Machine Learning, Deep Learning, Artificial Intelligence

**PROJECTS**

**A structured approach for retrieving the encrypted document using symmetric honey encryption:** Encrypt and store documents using symmetric honey method and securing data retrieval between a sender and receiver. Also helps the brute force attack.

**Driver Drowsiness Detection using Deep Learning:** Helps in detecting the fatigueness or drowsiness state of a driver by using deep learning models and some features and alerts them beforehand any incident

**Smart shoes for Visually Challenged :**

Implemented a model prototype that helps visually challenged to identify any obstacles or hindrances on their way, detected by ultrasonic sensors and other additional sensors.

**Two Step verification :**

Lot of phishing attacks is happening in Job sites like Linkedin in order to secure our account we need some extra security in that way Two-factor authentication provides a significant increase in security. Here I created a web page with 2FA using HTML as frontend and Django as Backend

**TECHNICAL SKILLS**

C , Python ( Intermediate ) ,SQL , PHP, MySQL

**INTERNSHIP**

**Big-Data and Artificial Intelligence at SDPro Solutions Pvt. Ltd., Trichy.**

AWS Academy Introduction to Cloud Certification.

10-day Training workshop on Networks and Network Security.

Completed Ethical Hacking Workshop on Information Security and Computer Networking.

Attended the UNDP - IMUN online conference 58.0 2021.

**LANGUAGES**

English, Malayalam, Tamil