



VISWANATH V S, RA1911003020012

Course : **B.Tech**, CSE, 2023

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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	S.B.O.A. Matriculation & hr. Sec. School	Tamil Nadu Board of Secondary Education (DGE)	429 MARKS	2017
CLASS XII in SCIENCE	S.B.O.A. Matriculation & hr. Sec. School	Tamil Nadu Board of Secondary Education (DGE)	422 MARKS	2019
B.Tech	SRM Institute of Science and Technology - Ramapuram Campus		9.05 CGPA	2023

Subjects / Electives	Machine Learning and Data Science,Java Script
Technical Proficiency	Python, C Programming, Web Development, Java Database Connectivity (JDBC), C++ Language, React.js, MySQL

SUMMER INTERNSHIP / WORK EXPERIENCE	
Internship-Tech Track, HighRadius Technologies	Jan 2022 - Apr 2022
I was trained for 3 months in Data Science, FullStack Web Development . I have developed Invoice Payment Prediction Analytical Model (B2B- APPLICATION SYSTEM) using React js as FrontEnd,Java core for API and MySQL as Database for Backend .I have developed analytical model[AI/ML] for predicting Invoice Ageing using Python(Jupyter Notebook)	
Data Science and Business Analyst, The Sparks Foundation	Sep 2021 - Oct 2021
Developed AI/ML Based Analytical Model using Python to Predict the Student Score exam based on the previous performace of the student in the earlier exams	

PROJECTS	
AI Enabled Professional Assistant - Software Development	Jan 2022 - Present
Developed an AI based Voice Assistant which provides users to interact and perform various advanced tasks like stock price prediction ,web scrapping ,Network connectivity related tasks and others.	
AI ENABLED B2B FINTECH SYSTEM - Machine Learning ,Web Development	Jan 2022 - Apr 2022
I was Trained by HIGHRADIUS and have worked in AI - Enabled Fintech application for predicting Invoice Payment Date using Python for Machine Learning . I have implemented EDA ,Regressions, Data Cleansing, Prediction methods in ML for Real time Datasets(Invoice Details) of that organization. I have used Core Java for API services ,MySQL for Database and React JS for User Interface Frontend Development .	
Github : https://github.com/VISWANATH78/AI-ENABLED-B2B-FINTECH-SYSTEM	
Covid 19 -Time Line Analysis (Power BI) - Data Visualization	Oct 2021 - Oct 2021
Power BI is a powerful Data Visualization software, and much of its popularity is due to its interactive visualizations & user-friendly interface .With the <i>Covid-19 Pandemic</i> raging throughout the world, In today's data-driven world, this also means the creation of new data, and in turn, <i>a need for new insights</i> .Combining Power BI visualization prowess with the constantly growing Covid Data, in the form of a Dashboard, will help us get a bird's-eye view of the current Death Rate, Cured Rate scenario.	
Github : https://github.com/VISWANATH78/TimeLine-Analysis--of-Covid-19-Dashboard-	
EDA Analysis of Uber Data - Machine Learning	Sep 2021 - Sep 2021
Exploring data is certainly one of the most important stages in Data Science processes. Despite its simplicity, it can be a powerful tool to put you ahead on data and business context, as well as to determine crutial treatments before creating machine learning models.To turn things a little bit more interesting, I've decided to have some fun with Python on my personal Uber rides data and see which insights I could extract,And visualized the given dataset	
Github : https://github.com/VISWANATH78/Uber_Data_Analysis	
Home Automation using IFTTT - IoT	Aug 2021 - Aug 2021
In this project the working process is based on voice-based control of devices which is based on Google Assistant . Google assistant is an Artificial Intelligence platform that provides voice command to make calls, to surf Internet. The main objective of this voice automation is to reduce electricity and productive usage of electricity. We build an application that controls any kind of devices using natural voice commands. By this application we can operate or regulate devices from anywhere in the area of our internet range which created an interface between application devices and google assistant. The command lines that are received by google assistant are uploaded to microcontroller .The communication between the application devices and microcontroller are established by	

Wi-Fi (Internet). The status of the devices is visible in cloud dashboard for our confirmation on device functionality either is it turned On or turned Off.

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
AWS Fundamentals: Going Cloud-Native	Coursera	This course will introduce you to Amazon Web Services (AWS) core services and infrastructure and to configure AWS services to deploy and host a cloud-native application.
IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies	Coursera	This course is based upon introduction to Wireless Devices , Cloud computing Devices and its emerging Technology in IoT domain
Machine Learning in the Enterprise	Coursera	Introduction to Machine Learning for Data Management, Data Preprocessing and Hyper Parameter Tuning using Python as an Developer language.
Python for Data Science	NPTEL	NPTEL Online Certification (Funded by Government of India MOE) Authorized by Indian Institute of Technology Madras

POSITION OF RESPONSIBILITY	
Technical Member in IoT(Domain) - LogicPlay Club, SRM University	Jun 2019 - Present
I volunteered as a role as an Technical Assistant .where i used to instruct and teach students of first year and second year to have an Hands on Experience on IoT Devices from Basic to Advance during Bootcamp conducted in SRM University Ramapuram. LogicPlay : https://www.logicplay.club/iot-team/	

AWARDS AND RECOGNITIONS	
Mini Projects Contest SRM University	Sep 2019
This Mini project is based on IoT domain .which is an innovative project based on Swachh Bharat .I have developed an Autonomous sweeper BOT named ROBOT SWEEPER using Arduino which detects dirt on the floor and sweeps it. It will dodge obstacles in its way and performs sweeping.	
Mini Projects Contest SRM University	Sep 2019
Developed a DRONE which helps in spraying seeds and fertilizer in farmland and even tries to scare birds and animals by protecting the land by not invading and destroying the agricultural crops . .	

CONFERENCES AND WORKSHOPS	
Android App Development	
Organized by: Azure Skynet Date: Nov 2019	
Attended 2 days workshop at VIT chennai, where i learnt how to create mobile apps using Android Studio.This workshop was conducted by Azure Skynet .	

PUBLICATIONS	
ALEXA & GOOGLE MINI USED IN MY HOME AUTOMATION	Journal name: LogicPlay Publication date: Aug 25, 2019
Technical Blog Authored by me on Home Automation in our daily life at Home or Office published in LogicPlay website	

PERSONAL DETAILS	
Date of birth: 11 June 2002	Father's name: V SIVAKUMAR
Permanent address: 16/18,20TH STREET,THIRUNAGAR,VILLIVAKKAM, Tiruvallur, Tiruvallur, Tamil Nadu, PIN - 600049	Languages known: Tamil, English, kannada
Permanent contact number: 9884066711	Nationality: INDIAN
Passport availability: Yes	