BALASUBRAMANIAN S, RA1911027020046

Course : **B.Tech**, CSE, 2023
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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	G.K.SHETTY HINDU VIDYALAYA MATRIC HR. SEC. SCHOOL	Tamil Nadu Board of Secondary Education (DGE)	474 MARKS	2017
CLASS XII in SCIENCE	G.K. SHETTY HINDU VIDYALAYA MATRIC HR. SEC. SCHOOL	Tamil Nadu Board of Secondary Education (DGE)	471 MARKS	2019
B.Tech in with specialization in Big Data Analytics	SRM Institute of Science and Technology - Ramapuram Campus		9.68 CGPA	2023

Subjects / Electives	Data science, Object Oriented Programming, Data structures, Machine Learning
Technical Proficiency	Python3, HTML + CSS, C++, JavaScript, C Programming, Data Visualization, Pandas, SQL

SUMMER INTERNSHIP / WORK EXPERIENCE

Full stack developer intern, HighRadius   Jan 2022 - Apr 2022
- Had developed an AI Enabled Fintech B2B Invoice Management Application.
- Used XGBoost ML Model to predict the payment clearance date of each invoice.
- Had developed the complete application using ReactJS, JavaScript, Java, JDBC, Servlets and MySQL.

PROJECTS

Diabetes Prediction - Machine Learning   Oct 2021 - Nov 2021
The main objective of this project is to predict whether or not a patient has diabetes or not based on certain diagnostics. A diabetes dataset is imported from kaggle which includes certain diagnostic measurements. EDA is performed on the imported dataset. Machine Learning is implemented using sklearn python module. Various ML models were implemented and according to their performance, the best model is used. Streamlit is used for creating a application for the created machine learning model.
Github LInk: diabetes prediction

Builiding custom visualization - Data Visualization   Sep 2020 - Sep 2020
The main purpose of this project is to use the functionalities in python visualization modules and implement different visualization on a custom dataset. This project also focuses on custom visualization with included interactivity. The main python module used in this project is matplotlib and seaborn.
Github Link: Building a custom visualization

Analysis of suicide data using pandas - Data Analytics   Sep 2020 - Sep 2020
Analyzing and visualizing suicide dataset of india using python. The imported from sources is analyzed in order to find insights on the data. The insights are visualized using matplotlib and seaborn to make them more understandable. Various visualization techniques are implemented in order to analyze the data.
Github Link: Analysis to suicide data using pandas

Calculator GUI Application - Python   Mar 2020 - Mar 2020
Calculator is a basic application used in our day to day life for mathematical calculations. This project utilizes the functionalities of a calculator to find the price of specific foam products. The GUI is build using tkinter module with python as backend. The functionalities of the calculator are implemented using python functions.
Github Link: GUI Application

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Introduction to Data Science in Python	Coursera	
Applied Plotting, Charting & Data Representation in Python	Coursera	

POSITION OF RESPONSIBILITY

Technical Lead - Gamecom	Aug 2021 - Jan 2022

COMPETITIONS

Maths Quiz	Feb, 2020
Paper Presentation	Feb, 2020

CONFERENCES AND WORKSHOPS
Building a face recognition using python Organized by: **GUVI geeks network, IITM research Park** | Date: **Apr 2021** **Introduction to Azure** Organized by: **Andropedia** | Date: **Aug 2019**

EXTRA CURRICULAR ACTIVITIES
Cricket **Gaming**

PERSONAL DETAILS

Date of birth: 17 April 2002	Father's name: V.SIVAKUMAR
Permanent address: No.46/1,F-4,Ganesh Mount , Mandaveli Street, Puzhuthivakkam., Chennai, Kanchipuram, Tamil Nadu, PIN - 600091	Languages known: english, french, hindi, tamil
Permanent contact number: 7358717447	Nationality: Indian
Passport availability: Yes	