



# SIVA SUBRAMANIAM R

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## SKILLS

AS400 IBM I Series

RPGLE, CLLE & ILE

Python & Full stack development

Tableau

SQL - Oracle

Streamlit

## EDUCATION

2019 - 2023 CGPA -7.77

**B.E. Mechanical Engineering**  
Loyola Institute of Technology,  
Chennai - 123 (Affiliated to Anna University)

2017 - 2019  
**12TH STD**  
SVVM, Thiruporur, Chengalpattu - 603110

2007 - 2017  
**10TH STD**  
St'Bedes A.I.Hr.Sec.School, Chennai - 600004

## LANGUAGES

Tamil	- Read	Write	Speak
English	- Read	Write	Speak
German	- Read		Speak

## PERSONAL PROFILE

Date of Birth : 16.10.2001

Gender : Male

Nationality : Indian

Marital status : Unmarried

Blood group : O+ve

## PROFILE

- As a recent graduate with a strong passion for AS400 programming, I am eager to kickstart my career as a AS400 Developer.
- I possess a solid foundation in Python, including proficiency in key libraries and frameworks.
- My academic background, along with hands-on projects, has equipped me with problem-solving skills and a keen eye for detail.
- I am enthusiastic about contributing to innovative AS400 & Python-based projects and am committed to continuous learning and growth in the field.
- I'm excited to bring my fresh perspective and determination to your development team

## ACADEMIC PROJECTS

### AUTOMATIC FIRE DETECTION & EXTINGUISHER SYSTEM (IOT).

#### Key Result Areas:

- Developed a Machine Learning model for real-time fire and smoke detection
- Achieved high accuracy in fire detection to minimize false alarms
- Designed and implemented an alarm system to promptly alert occupants and authorities
- Created a mechanism to automatically activate fire extinguishers upon fire detection
- Developed a web/mobile app for remote monitoring and timely alerts
- Logged and analyzed fire incident data for insights and improvements
- Ensured the system's stability, performed regular maintenance, and validated its functionality

#### **PROJECT - LINK**

<https://siva-subramaniam-ds.github.io/AutomaticFireExtinguisher-IOT/>

### INVENTORY MANAGEMENT SYSTEM DEVELOPED FOR THE AS400 PLATFORM.

#### Key Result Areas:

- This project is an Inventory Management System developed for the AS400 platform. The system is designed to efficiently manage inventory-related operations, providing separate dashboards for customers and vendors. The source code has been crafted using Full Free Format RPG to ensure modern and flexible programming practices.

#### **PROJECT - LINK**

<https://siva-subramaniam-ds.github.io/AS400---Project/>

## **PROJECT IN PYTHON , TABLEAU & STREAMLIT :**

### **Mobile Brands, Shopping Cart, RPS**

[https://siva-subramaniam-ds.github.io/Python\\_Projects/](https://siva-subramaniam-ds.github.io/Python_Projects/)

### **TABLEAU MODEL REPORT :**

#### **COFFEE DATA REPORT**

[https://public.tableau.com/views/Book1coffeedata\\_16810158041550/CoffeedataDashboard?:language=enUS&publish=yes&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/Book1coffeedata_16810158041550/CoffeedataDashboard?:language=enUS&publish=yes&:display_count=n&:origin=viz_share_link)

#### **BIGMART SALES REPORT**

[HTTPS://PUBLIC.TABLEAU.COM/VIEWS/BIGMARTSALESREPORTOF1985-2010/BIGMARTSALESREPORTOF19852010?:LANGUAGE=EN-US&:DISPLAY\\_COUNT=N&:ORIGIN=VIZ\\_SHARE\\_LINK](HTTPS://PUBLIC.TABLEAU.COM/VIEWS/BIGMARTSALESREPORTOF1985-2010/BIGMARTSALESREPORTOF19852010?:LANGUAGE=EN-US&:DISPLAY_COUNT=N&:ORIGIN=VIZ_SHARE_LINK)

### **STREAMLIT:**

<https://siva-subramaniam-ds.github.io/App-For-Data-Analysis/>

### **Live Portfolio:**

<https://siva-subramaniam-ds.github.io/Portfolio/>

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## **APPRECIATION CERTIFICATE**

- Python full stack development + SQL - Qspiders.
  - AS400 - PMS Information Solution
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**SIGNATURE**