

# Santhosh Ruban F

## Data Scientist

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### CAREER OBJECTIVE:-

My aim is to attain a position in a growth-oriented company where I can use my strong organizational and technical skills to contribute to the company's success. I am also seeking a position that will allow me to continue developing my abilities while contributing to the goals of the organization.

### SKILLS:-

- |             |                   |                            |
|-------------|-------------------|----------------------------|
| ✳ SQL       | ✳ MongoDB         | ✳ Problem Solving          |
| ✳ NoSQL     | ✳ Matplotlib      | ✳ Data Engineering         |
| ✳ NumPy     | ✳ TensorFlow      | ✳ Data Visualization       |
| ✳ Pandas    | ✳ Scikit-learn    | ✳ Data Interpretation      |
| ✳ Tableau   | ✳ Data Analyst    | ✳ Supervised Learning      |
| ✳ Seaborn   | ✳ Advanced Excel  | ✳ Unsupervised Learning    |
| ✳ MS office | ✳ Cloud Computing | ✳ Probability & Statistics |

### PROJECTS:-

#### [Predicting Breast Cancer in a Patient](#)

- ❖ Python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn, Support Vector Machine(SVM), Logistic Regression, GridSearchCV, Label Encoding, Standard Scaling.
- ❖ Cleaned and transformed data, created visualizations, trained and optimized SVM and Logistic Regression models, and evaluated performance using metrics and confusion matrix.

#### [YouTube Data Harvesting and Warehousing using SQL, MongoDB and Streamlit](#)

- ❖ Python, Streamlit, Google API Client Library, MongoDB, PostgreSQL, Pandas, pymongo, psycpg2.
- ❖ Developed a web application for extracting, storing, and analyzing YouTube channel data, integrating APIs and databases to provide data-driven insights. Contributed to decision making by empowering content creators and businesses with actionable insights to optimize content strategies and enhance audience engagement on the YouTube platform.

#### [Phonepe Pulse Data Visualization and Exploration Using Streamlit and Plotly](#)

- ❖ Python, PostgreSQL, Streamlit, Pandas, Plotly.
- ❖ Developed a data visualization tool with interactive features for exploring aggregated transaction and user data. Designed map-based visualizations to identify geographical trends and insights.

#### [BizCardX: Extracting Business Card Data with OCR](#)

- ❖ Python, Streamlit, SQLite, Pandas, EasyOCR.
- ❖ Developed a Python application that utilizes OCR to automatically extract and categorize key information from business card images, significantly reducing manual data entry time. Created a Streamlit-based interface for users to upload images, view, modify, and save extracted data in a SQLite database, enhancing data accessibility and management.

### WORK EXPERIENCE:-

**Matrimony.com as Sales Executive**  
(From Apr 2019 – Jan 2023)

- ✳ Achieve targets for upgradation, Ensure regular service follow-ups

**Just Dial.com as Tele Marketing Executive**

(From Jul 2018 – Mar 2019)

- ✳ Research and analyze prospect data to identify customer needs

**Aegis Private Limited in Airtel DTH Process as Customer Support Executive**

(From Sep 2013 – Jun 2016)

- ✳ Analyze and report product malfunctions

### EDUCATION:-

**IIT-M Certification for Advanced Programming Professional in Master Data Science**  
(Feb 2023 - July 2023),  
GUVI GEEK Network Private Limited.

**B.A English Literature**  
(July 2018 - June 2021),  
Madurai Kamaraj University.

**B.E Mechanical Engineering**  
(Aug 2010 - July 2017),  
Loyola-ICAM College of Engineering and Technology, Anna University.

### CERTIFICATIONS:-

- ★ [Data Scientist](#)
- ★ [Python](#)
- ★ [Machine Learning](#)
- ★ [Deep Learning](#)
- ★ [Artificial Intelligence](#)
- ★ [GIT & GitHub](#)
- ★ [AWS](#)
- ★ [ChatGpt for Everyone](#)
- ★ [Pytorch](#)
- ★ [Power BI](#)
- ★ [MySQL](#)
- ★ [NLP](#)

### LANGUAGE KNOW:-

Tamil (Speak, Read & Write)  
English (Speak, Read & Write)