

Subramanian RM

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Profile

A dedicated and results-driven professional with a strong background in data engineering and analysis. Skilled in designing, implementing, and optimizing data pipelines, as well as extracting valuable insights from complex datasets. Combines technical expertise with business acumen to drive data-oriented decision-making. Seeking a role as a Data Engineer or Data Analyst in a dynamic organization.

Education

11/2020 – present	Bachelor's Degree , Information Technology, <i>St.Joseph's College of engineering</i> CGPA - 8.94	Chennai
04/2018 – 04/2020	Higher Secondary Education, Chettinad Vidyashram Marks - 92%	Chennai

Professional Experience

06/2023 – present	Data Engineer, Stere,Inc <ul style="list-style-type: none">• Spearheaded the development of comprehensive underwriting questionnaires, rule engine, and rating engine for diverse insurance products, enabling streamlined and efficient risk assessment processes.• Led the design and implementation of robust data architecture, ensuring the seamless flow and integration of data across multiple systems and platforms.• Successfully built and maintained a scalable and high-performance data infrastructure, optimizing data storage, retrieval, and processing capabilities.	United States
05/2023 – present	Data Analytics Engineer Trainee, Tata Consultancy Services <ul style="list-style-type: none">• Successfully designed and implemented a sentiment analysis project utilizing ETL processes, PySpark, and advanced reporting techniques.• Analyzed large volumes of data independently to extract meaningful insights and identify sentiment trends.• Demonstrated outstanding analytical and critical-thinking abilities in interpreting and effectively communicating the findings of the sentiment analysis project.	Chennai
03/2023 – 05/2023	Power BI Developer Intern, Stigmata Techno Solutions <ul style="list-style-type: none">• Successfully developed and implemented customized Power BI solutions for Koopman International, resulting in enhanced data visualization and analysis capabilities.• Received positive feedback from the client for delivering high-quality Power BI solutions within the agreed-upon timelines.• Actively contributed to the success of the dynamic team by sharing insights, best practices, and innovative ideas related to Power BI development and implementation.• Received positive feedback from the client for delivering high-quality Power BI solutions within the agreed-upon timelines.	Chennai

Skills

- Python
- Databases
- Data Analysis
- Microsoft Power BI
- Web Development Tools
- PySpark
- SQL
- Machine Learning
- Java
- Data Cleaning

Projects

E - RATION [🔗](#)

Created an application to enhance the user experience of purchasing commodities in ration, reducing waiting times. Developed a machine learning model to predict user card allotment. Implemented a new scheme called 'book before a week' to reduce wastage and cost consumption. Utilized HTML, CSS, JS, MongoDB, Nodejs, Power BI, Power Query, Python, and machine learning.

UCI ML DRUG REVIEW [🔗](#)

Built a meaningful project around the UCI Machine Learning - Drug Review Dataset from Kaggle. Cleaned the dataset, performed feature extraction, and analyzed data variations over the years to extract valuable insights. Developed a machine learning model to predict user ratings based on reviews and performed sentiment analysis. Utilized Python, machine learning libraries, visualization tools, pandas, and data cleaning techniques.

House Price Prediction [🔗](#)

Implemented a machine learning model to forecast residential property prices accurately. Utilized advanced data analysis techniques and feature engineering to enhance model performance and predictions. Leveraged a diverse dataset of real estate variables such as location, square footage, and amenities. Utilized Python , Machine Learning.

Dr. Semmelweis and the Discovery of Handwashing [🔗](#)

Reanalyzed historical data that led to Dr. Semmelweis' discovery of the importance of handwashing in reducing childbed fever. Calculated maternal mortality rates across multiple maternity clinics and hospitals. Utilized Python, data manipulation, visualization, and data cleaning techniques.

Job Market Analysis Dashboard [🔗](#)

Designed and developed a comprehensive job market analysis dashboard using data visualization tools and techniques. Integrated multiple data sources to provide real-time insights into job trends, industry demand, and salary information. Implemented interactive features for customized data filtering. Utilized Power BI , Power Query.

Foodie Restaurant [🔗](#)

Developed and designed a visually appealing and user-friendly website for a renowned restaurant brand. Created an intuitive navigation structure to showcase the restaurant's menu, specials, and online reservation system. Implemented responsive design principles for seamless viewing across devices. Utilized HTML, CSS, JS, React JS.

Certificates

- Big Data Using PySpark
- Azure Cloud Fundamentals [🔗](#)
- Statistics In Python
- Power BI Analyst
- Business English Certification
- Data Analyst Certification
- Azure Data Fundamentals [🔗](#)
- Design And Analysis Of Algorithm [🔗](#)
- Python BootCamp
- Digital Marketing Certification

Co Curricular Activities

Front End Development Workshop by CSW Company

IEE Conocithon - Special Prize

Declaration

I hereby declare that all the information provided above is true and accurate to the best of my knowledge.