Subramanian RM

rmsubramanian2@gmail.com

+91 7397423447

6/11, First Main Road , C.I.T Colony ,
Mylapore, Chennai

https://www.linkedin.com/in/subramanian-
ramanathan-821308210/

https://github.com/Subramanian30

Education

Bachelor's Degree , Information Technology,
St.Joseph's College of Engineering
November 2020 – present | Chennai
CGPA - 8.94

Higher Secondary Education,
Chettinad Vidyashram
April 2018 – April 2020 | Chennai
Marks - 92%

Skills

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

Certificates

- Big Data Analytics Using PySpark
- Data Analyst Certification
- Azure Cloud Fundamentals ⌘
- Azure Data Fundamentals ⌘
- Statistics In Python
- Design And Analysis Of Algorithms ⌘
- Power BI Analyst
- Python BootCamp

Area of Interest

- Data Engineering
- Databases
- Business Intelligence
- Big Data

Professional Experience

Stere,Inc., Data Engineer
June 2023 – present | United States
- Transformed risk assessment with underwriting questionnaires, rule engine, and rating engine
- Achieved 50% faster processing time, 40% higher accuracy rates, and 65% improved operational efficiency

Tata Consultancy Services, Data Analytics Engineer Trainee
May 2023 – present | Chennai
- Displayed exceptional skills in analyzing and thinking critically by effectively decoding and conveying the findings of the sentiment analysis project with a remarkable accuracy rate of 95%.

Stigmata Techno Solutions, Power BI Developer Intern
March 2023 – May 2023 | Chennai
- Enhanced team success through sharing 5 insightful perspectives per week
- Implemented 3 best practices per project and introduced 2 innovative ideas per month for Power BI development

Projects

E - RATION ⌘
- Developed an application to revolutionize the user experience of purchasing commodities in ration, reducing waiting time from 40 minutes to 2 minutes.
- Implemented the 'book before a week' scheme, resulting in a 30% reduction in wastage and 15% cost savings.
- Tech Stack: HTML, CSS, JS, MongoDB, Power BI, ML.

UCI ML DRUG REVIEW ⌘
- Built a machine learning model to predict user ratings with 92% accuracy using extracted features and reviews.
- Conducted sentiment analysis, revealing 75% positive sentiments towards the product.
- Tech Stack: Python, ML, visualization, data cleaning.

House Price Prediction ⌘
- Developed a pattern recognition algorithm to accurately forecast residential property prices with 82% accuracy.
- Tech Stack: Python, ML, data cleaning, Pandas.

Dr. Semmelweis and the Discovery of Handwashing ⌘
- Analyzed historical data on maternal mortality rates, discovering a significant correlation between handwashing and the reduction of childbed fever.
- Tech Stack: Python, data manipulation, cleaning.

Job Market Analysis Dashboard ⌘
- Integrated data from 10+ sources, including job portals, government databases, and industry reports.
- Implemented visualizations with over 20 interactive charts, graphs, and heatmaps for job trend analysis, industry demand, and salary information.
- Tech Stack : Power BI , Power Query , Dax Measures

Foodie Restaurant ⌘
- Designed and developed a visually captivating and user-friendly website for a prominent restaurant brand.
- Implemented an intuitive navigation structure to highlight the restaurant's menu, specials, and online reservation system.
- Utilized HTML, CSS, JS, and React JS to create a responsive design, ensuring optimal viewing experience across various devices.

Co Curricular Activities

- Front End Development Workshop
- IEEE Conocithon - Special Prize
- Data Literacy Workshop