

## SUMMARY

- Data Science and Engineering Graduate with strong programming and analytical skills, who passionate about data engineering and machine learning, where my technical skills could applied to gather insight for the business problem .
- As Engineer Trainee at Apollo Tyres LTD with 2 years of experience , worked on 10+ projects and maintained over 7 projects in ASP.NET and Database management in Microsoft SQL.
- LinkedIn: <https://www.linkedin.com/in/tj-john-9704b5163/>
- Github : <https://github.com/tjjohn>

## KEY SKILLS

- *Programming Language:* C++,C#,Python
- *Web designing :* HTML,CSS, Javascript
- *Frameworks in Python:* Flask, Scrapy , Selenium
- *IDE:* Jupyter,VS Code,Pycharm
- *Frameworks in C#:* Web Forms, Web API, Asp.net MVC
- *Python:* NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn,Statsmodel, NLTK
- *ML Algorithms:* Supervised Learning(Regression,Classification), Unsupervised Learning
- *Data Visualization:* Excel, Tableau
- *Web Server:* Heroku , Microsoft IIS
- *Database:* MYSQL , MS SQL
- *Big Data Framework:* Hadoop,Hive,Apache Spark, Kafka
- *Version Control:* GIT
- *Cloud:* Aws EC2, IAM,S3,Athena,Glue,Redshift

## PROJECTS

- **Sentiment Analysis on E-commerce Reviews** **Jan'21 –Mar'21**  
**Description:** Sentiment Analysis of customer reviews with respect to women's e-commerce clothing website to predict whether the product will be recommended by the customer  
**Synopsis :**
  - **Data Preprocessing:** Exploratory Data Analysis,Feature Engineering,Text Analysis using Word Cloud.
  - **Text PreProcessing using NLP:** RegEx, Textblob ,NLTK tools, Vectorization techniques
  - **ML Models Developed:** Logistic Regression, Naïve Bayes, Support Vector Machine, Decision Tree, Random Forest, LightGBM
- **Cryptocurrency Tracker** **Jun'21**  
**Description:** Scraping live data from website to analyse the price of different cryptocurrency  
**Tools Used:** Scrapy,Selenium,Aws S3, Api Gateway ,Kafka,Apache Spark,MySql
- **College Companion** **2016 - 2017**  
**Description:** An Application consists of both web & android to provide an interface between Hod,Teachers and Students in College Department.

## PROFESSIONAL SUMMARY

2 years Experience

### Intern ,Software Engineering , JPMorgan Chase & CO

Sept 2021-Oct 2021

Setting up a workstation to provide interface with the relevant financial data feed, make the required calculations which allows the traders to visualize and analyze the data in real time

**Tools & Components:** Python,Git,Unit Testing, Perspective open source for data visualization

### Contract Engineer Trainee, Apollo Tyres LTD

14 Oct 2018 - 15 Sept2019

- Assigned in the Requirement Gathering,Designing, Development and Deployment of Application in .NET to help business to grow to its full potential.
- Identify the past problems and modify according to the needs of each department
- Handling Applications in Web server through IIS

**Major Project :** Published Continuous Online Weight Capturing of Tyre Thread Application through RS232 and Graphical display of the Data

### Engineer Trainee, Apollo Tyres LTD

14 Oct 2017 - 15 Oct 2018

- Assigned in the Designing, Development of Application in .NET
- Database Management in MS SQL 2016

**Major Project :** Project for Contract Workmen - ESI AND PF Calculation and Report generation

## EDUCATION

Course	Institution	Year	Remarks
Post Graduate - Data Science & Engineering	Great Lakes Institute of Management	2020-2021	Completed
B. Tech (Computer Science and Engineering)	Sree Narayana Guru Institute of Science and Technology(SNGIST), Mahatma Gandhi University	2013-2017	6.75 CGPA
12 <sup>th</sup> Std (Computer Science)	Vijayagiri Public School ,CBSE	2013	7 CGPA
10 <sup>th</sup> Std	Infant Jesus ,CBSE	2011	8.6 CGPA

## Online Certification Course

Mastering Big Data Analytics , Great Learning Academy