

SANJAY SRINIVASAN

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GitHub:[GitHub/sanjay-srinivasan](https://github.com/sanjay-srinivasan) | Academic eportfolio:[eportfolio/sanjay-srinivasan](https://eportfolio.sanjay-srinivasan.com)

Summary:

Motivated team player and a data enthusiast, passionate about helping businesses to succeed. Data scientist skilled in ML, stats, and data visualization. Proven track record driving decisions from complex datasets. Proficient in Python, SQL. Strong communicator and collaborator.

Education:

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|---|---------------------------|
| Post Graduate in Data Science and Business Analytics | CGPA: 3.67 on 4.33 |
| Great lakes Institute of Management | 2021 – 2022 |
| Bachelor of Engineering in Electronics and Instrumentation | CGPA: 6.18 on 10 |
| Anna University – Valliammai Engineering College | 2014 – 2018 |

Experience:

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| CGI, Bangalore, India - Software Engineer | Feb-2023 – Present |
| <ul style="list-style-type: none">• Creating the dashboards and visualization using Power Bi for the forecast and actual tool for analysing the utilization rate and finding the revenue generated for the member and project wise• Developing the eProc Archiver helper tool for archiving the files in the server using the python, automation of fixing the errors.• Performing the load test and performance test for the application using the Jmeter.• Automation of testing the application using cypress. | |
| Datasee.ai, Chennai, India – Front end Developer | May-2021 – Feb-2023 |
| <ul style="list-style-type: none">• Expertise in dynamic rendering of responses from API with respective front-end using Angular, Vue, jQuery and JavaScript and generating dynamic charts with the data.• Responsible for building and maintaining the data pipelines for multiple clients.• Developed an REST API for multiple real-time projects using Django Rest Framework.• Visualised the geolocation data using Google Map API and Leaflet.js. | |
| Spectrum 7 Technologies Pvt LTD – Software Engineer | June – 2019 - May 2021 |
| <ul style="list-style-type: none">• Developed Socket Programming for communicating with IoT device and microcontroller.• Backend development in oracle service cloud using PHP, JavaScript, Json, jQuery.• Having experience on Laravel framework (PHP) in Government project. | |

Technical Skills & Certification:

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|-----------------------|---|
| Programming Languages | Python |
| Database | MySQL |
| Machine Learning | NLP, Data mining, Predictive modelling, Linear Regression, Logistic Regression, Linear discriminant Analysis, Text Mining Analytics, Support Vector Machine - K Nearest Neighbor - Naive Bayes, Ensemble Techniques, Logistic Regression - Linear Discriminant Analysis, Time series Forecasting, EDA, Random Forest, Artificial Neural Network, CART |
| Tools | Knime, Tableau, Power BI, colab |
| Cloud Technologies | AWS(S3, EC2) |
| Version control | Git |
| Certification | Data visualization |

Academic Projects:**Optimization of Inventory Forecasting based on volatile market supply demand analytics.**

Took on the challenge of finding the optimum weight of the product to minimize the Inventory loss in the supply chain management. This was achieved using the random forest and Neural network regression model.
