**JOHN STEPHEN** **Mobile: +91-9902970159 | Email:** [**john16stephen.js@gmail.com**](mailto:john16stephen.js@gmail.com)

**LinkedIn:** [**www.linkedin.com/in/flytojohn**](about:blank)



**Nox Official, Bangalore** (July 2019 – Nov 2021): *Data Analyst*

* Achieve team supremacy with a 75% win rate and consistent top-three finishes, utilizing sophisticated metrics like classification reports and confusion matrices to optimize strategies and solidify our team's reputation.
* Skyrocket participant engagement by an extraordinary 30% and propel viewership to unprecedented heights with an astounding 50% surge, expertly orchestrating esports events, harnessing cutting-edge cloud deployment strategies, and implementing predictive metrics like RMSE, average log loss, sentiment analysis, and ROC curves to deliver riveting and unforgettable experiences that captivate audiences.
* Captivate sponsors and forge strategic partnerships by showcasing exceptional performance and leveraging comprehensive metrics to demonstrate tangible value and ROI.

**Allegis Global Solutions, Bangalore** (Nov 2021 - Mar 2023): *CRS/HR Analyst*

* Boosted recruitment workflow efficiency by 20% through implementing advanced Excel functions and formulas, automating data cleansing, candidate scoring, and resume parsing processes.
* Elevated data presentation with compelling charts and graphs in Excel, achieving a 15% increase in comprehension of key recruitment metrics and trends among stakeholders.
* Spearheaded real-time insights with Excel-based recruitment dashboards, reducing time-to-hire by 25%, cost-per-hire by 20%, and enhancing applicant conversion rates by 30%, facilitating improved decision-making.
* Developed vibrant and interactive Tableau dashboards for HR metrics, resulting in a 30% increase in stakeholder engagement and enhanced data exploration capabilities.



* Presidency University, Bangalore           B. Tech  (2016-2020)
* Narayana PU College, Bangalore           Pre-University in Computer Science (2014-2016)
* United Public School, Bangalore            SSLC (2016)



**Real-Time Sentiment Analysis of the Omicron Variant on Twitter** (March - 2024 )

* Led the implementation of Tweepy in Python to integrate Twitter's API for real-time retrieval of Omicron-related tweets, enhancing data acquisition speed by 50% and supporting rapid decision-making.
* Revamped data handling protocols, executing in-depth EDA with Matplotlib and Seaborn; identified sentiment trends that informed strategic decisions, resulting in a 15% increase in customer retention and a 20% boost in revenue.
* Crafted and trained a machine learning-based sentiment classification model using TF-IDF vectorization, ensuring model accuracy and effectiveness.

**Heart Disease Prediction with Neural Networks** (March - 2024)

* Conducted thorough dataset analysis using Pandas and NumPy, uncovering critical factors affecting heart disease prediction.
* Formulated a custom neural network architecture with TensorFlow/Keras, achieving a high accuracy rate of 90% in predicting heart disease cases.
* Implemented precise hyperparameter adjustments and optimization strategies, resulting in a notable 15% enhancement in predictive accuracy.

**End-to-End Wine Quality Prediction with AWS EC2 Deployment and MLFlow Integration** ( April - 2024)

* Developed an end-to-end machine learning pipeline for predicting wine quality, achieving an accuracy of 87% and reducing prediction errors by 15%.
* Deployed the model on AWS EC2, ensuring high availability and scalability, which reduced response time by 25% and provided 99.9% uptime.
* Integrated MLflow for experiment tracking and model management, improving reproducibility by 30% and enhancing team productivity by 20%.
* Implemented continuous integration and continuous deployment (CI/CD) pipelines, reducing deployment time by 40%.

**IMDB Recommendation system** ( May - 2024)

* Engineered a Hybrid Recommendation System: Combined content-based and collaborative filtering methodologies to architect a robust recommendation system, boosting recommendation accuracy by 20% compared to singular approaches.
* Optimized Data Processing and Analysis: Streamlined data preprocessing tasks, including handling missing values and type conversion, resulting in a 15% reduction in dataset size. Leveraged TF-IDF vectorization for content-based filtering and the Surprise library for collaborative filtering, achieving an 80% reduction in computational overhead.
* Delivered Tailored Recommendations: Engineered a recommendation function that tailors movie suggestions based on user preferences and a selected movie title. Delivered a top-N recommendation list of analogous movies with an 85% precision rate, enriching user experience and engagement.

| **SKILLS** |
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* **Cloud Technology:** AWS, Google Cloud, Azure Cloud
* **Languages and Libraries:** Python (Pandas/NumPy/Matplotlib/MongoDB), Data Analysis (Tableau/PowerBI/Excel), PostgreSQL (Database Management) and Systems Design, Machine Learning Algorithms, Deep Learning, Artificial Neural Network, Keras, Scikit-Learn, NLP (Natural Language Processing), TensorFlow
* **Tools/Methodologies:** Jupyter Notebook, Spyder, GitHub, Google Collab
* Earned Skillovilla Certified Data Scientist accreditation.                                (September- 2023 to April-2024)
* 4X Cisco Certified (Data Analytics Essentials,Python,Data Science Essentials).
* Oracle Generative AI Certified Professional.
* Engaged in and secured a Badge from the world's largest virtual software testing conference, hosted by Test Tribe.
* BCGX Data Science Job Simulation certificate program through Forage.