

SATHISH PRASAD V T

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EDUCATION

DUKE UNIVERSITY, The Fuqua School of Business

Durham, NC

Master of Science in Quantitative Management: Business Analytics, Strategy Track

May 2024

GPA 3.55/4

Data Science Coursework: Data Science for Business, Decision Analytics & Modelling, Data Visualization.

Domain Coursework: Data Infrastructure, Empirical Economic Analysis, Strategic Management, People Analytics and Operation Analytics.

SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

Chennai, India

Bachelor of Engineering in Computer Science and Engineering

Jun 2022

GPA 8.08/10

Relevant Coursework: Database Management Systems, Introduction to Machine Learning, Data Warehousing and Data Mining, Artificial Intelligence, Management, and Ethical Practices.

EXPERIENCE

RONNIE DOG MEDIA, TOTAL FOOTBALL ANALYSIS

Belgium, (Remote)

Consultancy offering tailored scouting and analysis solutions to football teams, blending data and video to optimize strategies and enhance match-winning capabilities.

Jun 2022 – Present

Freelance Head of Data Analysis

- Engineering web applications utilizing Machine Learning Models, encompassing Regression and Classification models, and Recommender Systems, revolutionizing player recruitment.
- Deploy web apps with MLOps practices, substantially improving client reports and driving acquisition of five new clients and an 18% increase in website membership.
- Establish automated ETL pipeline using Python, GitHub CI/CD commands, seamlessly integrating API data with web apps, eliminating 40 hours of weekly manual work, and ensuring error-free data.

Freelance Data Analyst

Jul 2020 – Jun 2022

- Leveraged Python and Tableau to analyze performance data; Presented valuable insights to senior analysts and influenced scouting decisions; created visualizations for client reports using Tableau.
- Utilized Snowflake to write SQL queries for creating tables, supporting integration of Tableau.
- Effectively communicated crucial technical insights to coaches/clients in a simplified manner, enhancing their understanding and significantly contributing to client retention

Freelance Data Content Writer

May – Jul 2020

- Authored five data-driven analytical articles each month for publication on site, showcasing proficiency in transforming complex information into accessible and engaging content.
- Utilized Python, Pandas, and Matplotlib for tasks such as data visualization and data cleaning.

PROJECTS

Recommending Restaurants: A Web App for Tailored Dining Experiences with Natural Language Processing – [Link to app](#)

Built web app deploying natural language processing and skip-gram model to personalize restaurant recommendation. The platform, built with Streamlit and Python, combines a self-trained Word2Vec model and web scraping techniques for semantic analysis and data compilation. Docker integration ensures efficient deployment and scalability.

Detecting Anomalies in ECG Data: An Autoencoder Approach with PyTorch – [GitHub Link](#)

Built Autoencoder model using PyTorch and LSTM networks for ECG anomaly detection, aimed at improving real-time cardiac monitoring and early irregularity identification. The Python-based deep learning project combines LSTM's time-series analysis with Autoencoder's pattern recognition in sequential data, applying cutting-edge techniques in healthcare

SKILLS

Technical: Python, R, Pytorch, SQL, Deep Learning, Machine Learning, Tableau, Docker, Recommendation Systems, Snowflake, A/B testing, Time Series Analysis, Advanced Excel, Natural Language Processing, CI/CD Commands, Probability, BigQuery, Mage

Business: Critical thinking, Problem-Solving, Curiosity and Learning, Agility, Resilience, Time Management

Certifications (Coursera 2019): IBM-Python for Data Science, AI and Machine Learning, IBM-Databases and SQL for Data Science.

ADDITIONAL INFORMATION

Duke Winter Data Competition Winner (2024). Humana Mays Health Care Analytical Competition Semi-Finalists (2023). AIFF-Certified Soccer Coach and CBSE Athletics Gold Medalist. Three-time Soccer State Champion and Best Defender Award Winner.