

JAGANNATH NARAYANASWAMY

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EDUCATION

George Washington University

Aug 2024 - May 2026

Master of Science in Data Analytics

Washington, DC

Coursework: Data Analysis for Engineers and Scientists, Introduction to Big Data and Analytics, Programming for Analytics

Honors/Awards: SEAS Dean's Award

Dayananda Sagar University

Aug 2020 – Oct 2024

Bachelor of Technolgy in Computer Science

Bengaluru, India

Coursework: DataBase Management System DBMS, Data Science, Machine Learning, Cloud Computing, Amazon Web

Services, Object Oriented Programming, Probability and Statistics

SKILLS

Analysis & Visualization Tools: Tableau , Power BI , Microsoft Excel, Google Sheets

Programming Languages: Python, R, TensorFlow, SQL, HTML/CSS.

Database Management Systems: MySQL, MongoDB

AI ML Technologies: Predictive modeling, Reinforcement Learning, Transfer Learning, Time Series Analysis, Image Classification Techniques, Unsupervised Learning Techniques, CNNs, RNNs.

EXPERIENCE

Department of Global Health, George Washington University

Jan 2025 – Present

Research Specialist III

Washington, DC

- Collaborated with the US Census Bureau and integrated additional data sources (including FRED) to retrieve comprehensive datasets.
- Developed and maintained a dynamic state and county-level database that enabled streamlined data retrieval, reducing manual workload by 30%.
- Leveraged advanced machine learning techniques and data analytics to automate classification, anomaly detection, and data cleansing, boosting processing efficiency by 25%.
- Created interactive visualizations that transformed complex data into actionable insights, supporting strategic decision-making and optimizing overall workflows.

Slash Mark IT Solution

May 2024 – Aug 2024

Data Science Intern

Bengaluru, India

- Developed and deployed machine learning models, increasing operational efficiency by 30% and strategic outcomes by 25%.
- Conducted advanced data preprocessing, feature engineering, and model training using Python, Pandas, and Scikit-learn, improving model accuracy by 20%.
- Executed comprehensive data cleaning, transformation, and statistical analysis, increasing data accuracy by 95%.
- Delivered actionable insights to stakeholders through reports and visualizations, influencing strategic decision-making by 25%.

Bhrighu Academy

Feb 2024 – May 2024

Data Science Intern

Bengaluru, India

- Built predictive models for car fuel efficiency, improving accuracy by 20%. Led web traffic forecasting with time series analysis, achieving 95% prediction accuracy.
- Adjusted forecasting models, increasing reliability by 15% and operational efficiency by 20%.
- Visualized data using Tableau and managed datasets with MySQL for seamless analysis.

PROJECTS

NYC Taxi Trip Insights

Nov 2024 – Dec 2024

- Processed 50GB+ of data using PySpark, reducing analysis runtime by 40%.
- eveloped machine learning models to predict trip durations, fares, and tip amounts, improving prediction accuracy by 25%.
- Identified high-demand regions, enabling strategic planning for ride allocation.

T20 World Cup Cricket Data Analytics

Oct 2024 – Nov 2024

- Designed a comprehensive analytics solution to rank players, extracting data using web scraping techniques.
- Analyzed player performance metrics using Python, uncovering actionable insights that enhanced evaluation accuracy by 30%.

CERTIFICATION & AWARDS

- Google Google Data Analytics Professional Certificate [link](#)
- Crash Course on Python [link](#)