

SPOORTHI VEERESH KUMAR

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|datascienceportfol.io/spoorthiv20 |New York(Open to Relocate)

Education

University of Wisconsin Madison

August 2023 – May 2025

Master of Science in Information (Data Analysis)STEM

United States

Visvesvaraya Technological University

August 2019 – May 2023

Bachelor of Science in Computer Science and Engineering

Karnataka, India

Relevant Coursework: Data Structures, Artificial intelligence/Machine learning, Relational Database Management Systems, Big Data Analytics.

Technical Skills

Programming Language: Python, R, SQL

Data Visualization Tools: Tableau, Excel(Pivot Tables, Macros), Matplotlib

Cloud Platforms: AWS

Frameworks and Libraries: Numpy, Pandas, Pyspark, Pytorch, Keras, GitHub

Experience

Interviewer.Ai

Jan 2024 – Present

Data Scientist

Remote

- Designed and deployed machine learning models achieving 81% accuracy in image classification using ResNet-50 on a dataset of 50,000 images, improving previous model performance by 13%
- Analyzed hiring trends across 5 regions, processing 20,000+ applications to identify 35% variance in hire rates, leading to improved remote hiring policies.
- Conducted DPIA fairness assessments across protected attributes (race, gender, age), achieving > 0.85 demographic parity and ensuring GDPR compliance.

UW - International Academic Program

July 2024 – Present

IAP Data Analyst Support

Madison, WI

- Validated and analyzed large datasets, improving data-driven decision-making and optimizing participation metrics by 12%.
- Built Excel and Tableau dashboards to track employee engagement and turnover trends, supporting 15+ departmental reports.

University of Wisconsin Madison

Nov 2023 – May 2024

Research Assistant

Remote

- Developed an evaluation framework for assessing ChatGPT's clustering capabilities, achieving a 15% improvement in label specificity across 500+ document clusters for bibliometric analysis.

Addicor Technologies

Jan 2023 – June 2023

Data Science Intern

Remote

- Identified, analyzed, and interpreted trends or patterns in data sets to support strategic initiatives.
- Developed SQL queries and dashboards to track key performance metrics, improving financial and operational reporting efficiency.
- Conducted data validation and cleaning to ensure data integrity, reducing reporting errors by 25%

ISans Technologies

Sep 2022 - Feb 2023

AWS Cloud Intern

Bangalore

- Designed and implemented a CI/CD pipeline using Jenkins, reducing deployment time by 10%, with a focus on cloud environments.
- Applied Agile methodologies to streamline workflows, enhancing project delivery and overall efficiency.

Projects

Food Review using Zero-Shot Learning | Python, NLP, Zero-Shot Learning

- Developed a zero-shot learning model to classify food reviews without labeled data using state-of-the-art transformers.
- Leveraged HuggingFace and NLP techniques for sentiment analysis, achieving high accuracy in predicting sentiment for various food items.
- Deployed model for real-time classification, enabling dynamic sentiment categorization for user-generated content.

Market Sentiment Analysis - Crypto Sector | ML Techniques, Python, Time Series

- Analyzed the correlation between crypto market trends and macroeconomic indicators using regression analysis.
- Built and deployed a LSTM model to predict price movements for BTC/ETH pairs, achieving 67% accuracy.
- Conducted exploratory data analysis and implemented predictive models to capture market sentiment over time.