SPOORTHI VEERESH KUMAR

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|datascienceportfol.io/spoorthiv20 |Chicago(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%.
- Designed and implemented end-to-end Tableau solutions including custom calculated fields, parameters, and interactive filters to track employee metrics, enabling self-service analytics for 15+ departments

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 complex SQL queries for performance tracking, including joins, subqueries and window functions, improving financial reporting efficiency by 25% and serving 10+ stakeholder department.
- 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.