Rishikesh Giridhar

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github.com/RishiSpace

Education

Trinity International School May 2007 – Mar 2019
I.G.C.S.E A-Level
Pace Jr. Sci. College April 2019 – April 2021
H.S.C
K.J Somaiya Institute of Technology Dec 2021 – May 2025
Bachelor of Technology in Artificial Intelligence and Data Science
Relevant Coursework: Machine Learning, Data Structures, Algorithms, Artificial Intelligence, Statistics
CGPA: 8.5 / 10

Publications

Towards Mitigating Misinformation: A Structured Dataset of Fact-Checked Claims from News Media, IEEE, 2024
Misinformation online is a serious threat, rapidly influencing public opinion and decisions. To combat this, researchers created the "Factrix" dataset by collecting and labeling news from fact-checking websites, aiming to train AI models to identify false information in text and potentially images, while also tracking misinformation trends over several years.

Research Experience

Research Intern, *Society for Data Science* May 2023 – May 2025

- Conducted research on the diffusion of Misinformation across various platforms.

- Created a Dataset Factrix through the process of scraping various news sites such as IndiaToday, ANI etc to help train models

- Performed a Trend Analysis on the spread of fake news through methods such as Topic Modelling

- Co-authored a paper on the Factrix Dataset and the analysis of diffusion of Misinformation.

Skills

Programming Languages: Python, R, C++, Rust
Frameworks: TensorFlow, PyTorch, Scikit-learn, Numpy, pandas
Generative AI Frameworks: Langchain, Groq, OpenRouter, VertexAI
Tools: Git, Docker, Jupyter, Ollama
Soft Skills: Analytical Thinking, Problem Solving, Team Collaboration, Conflict Resolution

Projects

OSFM - Net github.com/RishiSpace/osfm

- Developed a tool that system administrators can use to remotely monitor and control multiple systems in a lab.

- Allows the admins to :

  1. Remotely Install and Uninstall Programs

2. Remotely control multiple systems (using RDP)

3. Mass-execute custom PowerShell Commands at the Admin's Discretion

4. Provides the ability to automatically scan and fix Corrupted OS System files

FastWrite   fastwrite-py.vercel.app

- Developed a python module that allows seamless documentation of entire code repositories for developers

- This tool allows Developers to:

  1. Process Code Files: Extract and list Python files from a ZIP archive

  2. Generate Data Flow Diagrams: Create a data flow chart (in Graphviz format) by analyzing Python code using the AST module

  3. Generate Documentation: Produce detailed documentation for Python code using multiple AI models

  4. Evaluate Documentation Quality: Compute BLEU scores to compare generated documentation against a reference document

OSFM - Markdown Editor   osfm-md.vercel.app

- Developed an AI-Enhanced Open-Source Markdown Editor with a focus on Cloud-Sync and User Productivity.

OSFM - Credentials Manager   osfm-creds.vercel.app

- Developed a Local-first Open-Source tool that allows users to securely store and manage their credentials (APIs,SSH/GPG Keys and Passwords).

OSFM - AI Terminal Assistant   osfm-ata.vercel.app

- Developed an AI-Enhanced Open-Source tool that leverages Natural Language Processing (NLP) to generate terminal commands

Certifications

C++ Fundamentals, Coursera	Completed Mar 2022
R Programming, Coursera	Completed Mar 2024
Azure Certification	Completed Jun 2022
Accenture Developer Program, Accenture	Completed May 2023
Generative AI Professional, Oracle	Completed Jul 2024
Microsoft Active Directory, Udemy	Completed May 2023

Extracurricular Activities

Technical Lead, Society for Data Science, K.J Somaiya Institute of Technology   Jul 2024 – May 2025

- Organized workshops and seminars on Machine Learning topics. as a Domain Lead

- Organized KnowCode 2.0, a Hackathon hosted by Society for Data Science with the theme of sustainability.