

Rishikesh Giridhar

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Education

K.J Somaiya School of Engineering June 2025 – Present
Masters of Technology in Artificial Intelligence and Data Science
Relevant Coursework: Machine Learning, Artificial Intelligence, Natural Language Processing, Statistics

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: 8.6 / 10

Pace Jr. Sci. College April 2019 – April 2021
H.S.C

Trinity International School May 2007 – Mar 2019
I.G.C.S.E A-Level

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.

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

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

osfm-site.vercel.app

- Open-source suite of tools to enhance developer and system administrator productivity.
- Subprojects:
 - **Net (remote management)**: Remote monitoring control of multiple lab systems: install/uninstall software, multi-system RDP control, mass PowerShell execution, automated corrupted OS file scan repair.
 - **Markdown Editor (AI Markdown)**: AI-enhanced editor with cloud sync and productivity features.
 - **Credentials Manager (secure storage)**: Local-first secure storage for API keys, SSH/GPG keys, and passwords.
 - **AI Terminal Assistant (AI-Assisted Terminal)**: NLP-powered assistant to generate terminal commands from natural language.

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

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.