

RITIKA MISHRA

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EDUCATION

- **Devi Ahilya Vishwavidyalaya** Indore, India
 - Integrated Master of Technology(dual degree) in AI & Data ScienceAug 2023 - 2028
- **Alpine Academy** Indore, India
 - Higher Secondary (Science)
 - Secondary School CertificateApr 2022-May 2023Apr 2020-May 2021

SKILLS SUMMARY

- **Languages:** Python, Java, JavaScript, C , C++, HTML, CSS, SQL
- **Libraries:** Pandas, Numpy, Matplotlib, Scikit-Learn, Plotly, OpenCV, Beautiful Soup, Requests
- **Framework:** TensorFlow, Keras, Bootstrap, Streamlit, Dash, React
- **Tools:** Power BI, Tableau, Advanced Excel, MySQL, SQLite, GitHub, Firebase
- **Platform:** Visual Studio Code, PyCharm, IntelliJ IDEA, WebStorm, Jupyter Notebook

WORK EXPERIENCE

Data Analyst, TechnoHacks Solutions

Sep 2025 - Oct 2025

- Processed and cleaned 500+ rows of data to ensure accuracy and usability for analysis.
- Leveraged AI-powered features in Excel and Power BI to automate data analysis, reducing manual processing time by 30%.
- Developed 10+ interactive dashboards and visualizations, providing actionable insights for decision-making.

PROJECTS

- **Sound to Vision App**
 - Converted 100+ environmental audio samples into visual and vibration alerts using AI.
 - Achieved 90% real-time detection accuracy for different sound categories.
 - Integrated Firebase notifications to alert users instantly on 50+ test scenarios.
- **Fintra (AI powered Finance Tracker)**
 - Analyzed 2000+ transactions to categorize expenses and create dashboards.
 - Automated expense prediction using AI, reducing manual tracking by 30%.
- **GitHub Trending Repos Dashboard**
 - Scraped & visualized top 50 trending repositories across daily, weekly, and monthly trends.
 - Enabled trend analysis for 1000+ users accessing the dashboard.
 - Created interactive dashboards to visualize repository stars, forks, and trends.
- **Portfolio Website**
 - Showcased 10+ projects and personal skills through interactive design.
 - Optimized responsiveness across 5+ device types for better user experience.
 - Implemented modern web features using HTML, CSS, and JavaScript.

CERTIFICATES

- **Python Programming** - Reliance Foundation Nov 2024
- **C Programming Certification Test** - Complete Coding by Prashant Sir Sep 2024
- **Postman API Fundamentals Student Expert** - Canvas Credentials (Badgr) Jul 2024
- **Core Concept of C++** - DevTown Jan 2024
- **Self-Paced Java** - DevTown Jan 2024