RISHABH GIRI

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CAREER OBJECTIVE

Final-year B.Tech student specializing in **Artificial Intelligence and Machine Learning** with hands-on experience in **Python, Scikit-learn, and TensorFlow**. Passionate about building **scalable ML models, data-driven applications, and intelligent systems** to solve real-world problems.

EDUCATIONAL QUALIFICATIONS

Lloyd Institute of Engineering and Technology	**Greater Noida, Uttar Pradesh**
B.Tech in Artificial Intelligence and Machine Learning	*12 Decemeber 2022 - Present*
Government Model Senior Secondary School, Sarai Khwaja	**Faridabad, Haryana**
12th - Science with Maths	*01 April 2019 - 21 July 2020*
Om Shanti Public School, Panhera Kalan	**Faridabad, Haryana**
10th	*01 April 2017 - 21 May 2018*

TECHNICAL SKILLS

Programming Languages: C, Python, Java, JavaScript
Libraries: TensorFlow, Keras, Scikit-learn, NumPy, Matplotlib
Web Development: ReactJS, TailwindCSS, Express.js, APIs
Tools: Git/GitHub, Google Colab, VS Code
Databases: MongoDB, SQL, NO-SQL
CS Fundamentals: DBMS, OS, OOPs, DSA

PROJECTS

DEEP DETECT | **Brain Tumor MRI Classification Model**
- Developed a high-accuracy **CNN model** to classify brain tumor MRI scans using Python, TensorFlow, and Keras. **Implemented the EfficientNetB0** architecture with transfer learning in Google Colab. Conducted data preprocessing, augmentation, and performance **visualization with Matplotlib**.
- **Technologies**: Python, TensorFlow, Keras, Matplotlib, Google Colab

DEEP WAVE | **AI-Powered Sound Therapy Platform**
- Built a full-stack **MERN application** that provides personalized **sound therapy** for stress and anger management. The platform's **AI analyzes** user mood from text input to **recommend** tailored soundscapes. Engineered the **responsive** React, Tailwind CSS **front-end**, and the Node.js, MongoDB **back-end**, focusing on a calm, therapeutic user experience.
- **Technologies:** React.js, TailwindCSS, Node.js, Express.js, MongoDB, APIs, VS Code

CERTIFICATIONS

- Analyze Sentiment with Natural Language API Skill Badge | *Google Cloud* — *28 April 2025*
- Python Essentials I | *Cisco Networking Academy* — *27 May 2025*
- Python Essentials II | *Cisco Networking Academy* — *31 May 2025*
- MongoDB Basics | *MongoDB* — *30 June 2025*

ACHIEVEMENTS

- Selected as a **HackIndia Regional finalist**, where I collaborated as a frontend developer to build 'PathPilot' – an AI-powered platform providing personalized career guidance and Structured roadmaps for students.
  View certificate
- **Rank 1324th** in the **Daily Quiz of Management: August Series** on 13 August 2025, organised by **Unstop**.
  View Certificate

ACTIVITIES

NSS Volunteer | *Govt. Model Sr. Sec. School, Sarai Khwaja* — *April 2018 - March 2020*
- Participated in various community initiatives focused on cleanliness, health awareness, and social responsibility. Developed Leadership, Teamwork, and Coordination skills.

CodeBlaze 2.0 | *LIET x GFG, Greater Noida* — *11 April 2025*
- Competed in a fast-paced coding competition, solving algorithmic challenges and optimizing solutions under strict deadlines.

Debate Sphere | *Lloyd Institute of Engineering and Technology, Greater Noida* — *25 April 2025*
- Participated and showcased persuasive communication skills in a formal debate on emerging tech ethics.