Ankit Raj

ML Enthusiast

Passionate about Machine Learning, with a strong leadership background as Vice Chairman of ACM. I thrive on solving complex problems, leading teams, and driving innovation. Always eager to learn and grow in tech!

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EDUCATION

CSE (AI &ML), B.E.
Ramaiah Institute of Technology   CGPA-9.17
12/2022 - Present   *Bangalore*

Intermediate
Vatayan
07/2019 - 07/2021   *Siwan*

SKILLS

C   JAVA   JavaScript   SQL   Hadoop   Spark   Python   C++   GIT   Machine Learning   Problem Solving   Eclipse   VS CODE   DSA   Leadership   Teamwork

PERSONAL PROJECTS

Text to Image Generator
- Developed a text-to-image generation project using Stable Diffusion and GPT-2, focusing on model optimization, efficiency, and applications in creative AI

Automatic mistakes detection and corrections in variable declarations of C language
- Developed an AI-powered system for automatic mistake detection and correction in C variable declarations, using machine learning, static analysis, and transformer-based models for real-time error detection and correction. Designed for seamless IDE integration, enhancing coding efficiency.

Weather Detector
- Developed this project as a part of group project in College. Takes the city as User Input, which in returns a details analysis of weather of that particular city. Separated details view section for each region.

WSN for Environmental Monitoring
- Developed a Wireless Sensor Network (WSN) simulation for environmental monitoring using an enhanced GWO-LEACH protocol in NS3. The optimized algorithm improves energy efficiency, load balancing, and network lifespan by dynamically selecting cluster heads based on energy and workload. Results confirm superior performance over traditional LEACH, making it ideal for real-world applications.

ACHIEVEMENTS

3rd Prize MQ 2023
Won 3rd Prize In Annual Mathematics Quiz

SIH HACKATHON
Got slected in top 40 teams at regional level

Events
Organised 10+ Tech Events In RIT

Volunteer
Volunteered for events at college level as a part of E-Cell and NSS

ORGANIZATIONS

RIT ACM Student Chapter (05/2023 - Present)
Vice-Chairman

CERTIFICATES

NPTEL
SE Certificate from NPTEL, IIT Kharagpur, showcasing expertise in software development, agile practices, and key engineering concepts.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Problem Solving and Coding Challenges

Continuous Learning and Technology Trends

Technical Clubs   Mobile Photography