EEMAN MAJUMDER

AIML ENGINEER

google ME :)

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🌐 Google Me

SKILLS

- Machine Learning
- Deep Learning
- Natural Language Processing
- Computer Vision
- Data Science
- Big Data
- Reinforcement Learning
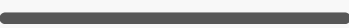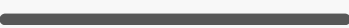- Large Language Models
- Transformers

EDUCATION

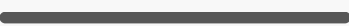**B.Tech Computer Science And Engineering With Specialisation in AIML**

VIT Bhopal, India

2021-2025

LANGUAGES

English
Hindi
Odia

MY CONTRIBUTIONS THAT AFFECTED THE WORLD

- **Monitoring the Water Quality Bhopal Region using Satellite Imagery and GIS Techniques**

- **Building an AI-Based Road Inspection System for Efficient Maintenance and Repair in India**

PROFILE

I make AIs for fun. A coding enthusiast. Mostly focused on AI devlopment. Currently studying B.tech CSE with specialisation in Artificial Intelligence and Machine Learning

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WORK EXPERIENCE

Lead AIML Engineer

Manuscripts.ai (Jun 2022 - Aug 2023)

As the Lead AIML Engineer at Manuscripts.ai, I've played a pivotal role in driving the company's AI initiatives. My responsibilities include:

1. **Project Leadership:** Spearheading and managing AI projects, demonstrating expertise in designing and implementing innovative solutions.
2. **Team Collaboration:** Effectively collaborating with cross-functional teams to integrate AI capabilities into Manuscripts.ai products, fostering a culture of innovation.
3. **Technical Contributions:** Making substantial technical contributions in Python, Rust, and other languages, showcasing proficiency in various AI domains, including machine learning, deep learning, and natural language processing.
4. **Innovation and Problem-Solving:** Leveraging analytical and critical thinking skills to address complex problems and develop unique AI solutions that align with Manuscripts.ai's objectives.
5. **Strategic Decision-Making:** Contributing to strategic decisions related to AI technology adoption, development pipelines, and project roadmaps.
6. **Continuous Learning:** Staying abreast of the latest advancements in AI and machine learning to ensure Manuscripts.ai remains at the forefront of industry trends.
7. **Mentorship:** Providing guidance and mentorship to team members, fostering a collaborative and knowledge-sharing environment.

My role at Manuscripts.ai has been instrumental in shaping my leadership, technical, and collaborative skills in the field of AI.

President

Omdena VITB Chapter (Feb 2023 - Current)

As the President of Omdena VIT Bhopal University Chapter, I've played a key role in fostering a collaborative and impactful environment for AI and machine learning initiatives. Some notable contributions include:

1. **Leadership and Coordination:** Effectively leading the chapter's activities, coordinating projects, and ensuring seamless collaboration among diverse team members.
2. **Omdena Global Projects:** Facilitating participation in Omdena's global projects, addressing real-world challenges through AI solutions, and representing the VIT Bhopal chapter at the international level.
3. **Community Engagement:** Organizing and participating in events, hackathons, and workshops to engage the local community in AI-driven social impact projects.
4. **Skill Development:** Promoting continuous learning and skill development among chapter members, encouraging the application of AI for social good.
5. **Networking:** Establishing connections with professionals, researchers, and organizations to create opportunities for collaboration and knowledge exchange.
6. **Visibility and Outreach:** Increasing the visibility of the Omdena VIT Bhopal chapter through social media, workshops, and collaborative initiatives, contributing to the global impact of Omdena.

My role as the President reflects my commitment to driving positive change through AI and fostering a culture of innovation and social impact within the Omdena community at VIT Bhopal.

MY PROJECTS THAT AFFECTED THE WORLD

Several of my projects have aimed to make a positive impact on society and demonstrate the transformative potential of AI. Some notable projects include:

1. **Street Dogs Detection and Management AI:**
   - Developed a web app using YOLOv7 to detect and manage street dogs.
   - Enabled users to upload images for dog detection and provided geolocation services for mapping sightings globally.
   - Contributed to the well-being of communities by addressing issues related to street dog populations.
2. **ML-Based Career Counselor:**
   - Created a Streamlit app utilizing large language models to suggest career paths based on users' skills.
   - Aimed to assist individuals in making informed career decisions and exploring suitable job opportunities.
3. **Ansar Chan (•ω•) 解:**
   - Streamlit app using OpenAI to generate answers to a list of questions.
   - Facilitated quick access to information, beneficial for students, teachers, and anyone seeking answers efficiently.