

MAYURA PATKAR



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CAREER OBJECTIVE

Aspiring AI researcher and software developer with expertise in transformer models, reinforcement learning, and AI/ML. Passionate about developing cutting-edge solutions and contributing to advancements in AI-driven technologies.

EDUCATION

- MIT Manipal [2024 - 2026]
CGPA:8.3 [1st SEM]
Master of Computer Applications [MCA]
- Mangalore University [2021 - 2024]
CGPA:8.7
Bachelor In Computer Application[BCA]

SKILLS

- Programming Languages: Python, C, C++
- AI/ML Tools: PyTorch,
- Tools: Git, Docker
- Concepts: Reinforcement Learning, Transformer Models, Natural language processing, Computer Vision

PROJECTS

- TCLM-2 – Custom Transformer-based Causal Language Model for text generation, pre-trained and deployed using Hugging Face.
- Omnira – Fine-tuned version of TCLM-2 optimized for conversational AI with enhanced contextual understanding.
- Shresht System Website – Developed and deployed a website for the Shresht System, ensuring seamless user experience.
- Shresht System Management System – Designed and implemented a scalable management system to streamline Shresht System operations.
- Research Drift Analysis – Implemented a research drift tracking system using BERT, Temporal Graph Convolutional Networks [GCN], and LSTM to analyze evolving research trends.

ACHIEVEMENTS

- Pre-trained a custom CLM model with 275 million+ parameters.
- Published model 'T-CLM2' on Hugging Face platform.

EXTRACURRICULAR

- Organized and participated in hackathons and tech events.
- Member of coding and AI clubs at MIT Manipal.

INTERESTS

- Gaming, exploring the latest technology, and solving complex problems.