Manab Tikadar

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Objective

Highly motivated and results-oriented Project Lead with experience in managing and delivering complex Robotics and AI projects. Proven ability to lead teams, oversee project lifecycles, and mentor team members. Seeking a Project Manager role to leverage expertise in machine learning, deep learning, and robotics to drive project success.

Experience

Project Lead at Robotics and AI Club, IIT (ISM) Dhanbad (2023 – Present)

PROJECTS

Document Analysis System (Machine Learning) (2023 – Present)

Developed an advanced document analysis system utilizing machine learning techniques to significantly enhance document processing and information extraction efficiency. This project streamlined workflows and improved data accessibility.

Dialogue Summarization using Large Language Models (LLMs) (2023 – Present)

Led the creation of a dialogue summarization system leveraging Large Language Models. This initiative resulted in a tool capable of producing concise, context-aware summaries of conversational data, improving communication efficiency and information retention.

Medical Image Processing for Cancer and Tumor Detection (Deep Learning) (2023 – Present)

Spearheaded a research project focused on the application of deep learning techniques to medical image processing for the detection of cancer and tumors. This project aimed to contribute to more accurate and timely disease diagnosis, potentially improving patient outcomes.

eYantra Robotics Competition 2024 Participation (2023 – Present)

Directed team participation in the prestigious eYantra Robotics Competition 2024, effectively applying ROS2 and robotics expertise within a structured project-managed environment.

Skills

Python, C++, TensorFlow, Machine Learning, Deep Learning, AI, OpenCV, ROS2, Robotics, FPGA Programming, Project Management, Research, Development

Education

B.Tech in Electronics and Communication Engineering from IIT (ISM) Dhanbad (Expected 2025)