Debajyoti Majee

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Objective

Highly motivated and technically proficient student at IIT ISM Dhanbad with a strong foundation in machine learning, natural language processing, and full-stack development, seeking to apply these skills as a Project Manager. Eager to contribute to innovative projects and enhance organizational efficiency through effective planning, execution, and collaborative teamwork.

Experience

Resume Builder Application Project at Personal Project (2023-2024)

PROJECTS

Resume Builder Application Development (2023-2024)

Spearheaded the development of a resume builder application utilizing LangChain and RAG to streamline resume creation. Integrated ChatGeminiAI (LLM) for natural language processing to enhance user interaction and content generation. Implemented FAISS for efficient retrieval of resume templates, improving user experience and application efficiency. Technologies: LangChain, RAG, ChatGeminiAI (LLM), FAISS, Python, Streamlit.

Dialogue Summarization with Reinforcement Learning Project at Personal Project (2023-2024)

PROJECTS

Dialogue Summarization Model Engineering (2023-2024)

Engineered a dialogue summarization model using LoRA fine-tuning on FLAN-T5 LLM to efficiently condense conversational text. Applied PPO with Reinforcement Learning to optimize summarization quality and coherence, exceeding standard fine-tuning methods. Demonstrated expertise in NLP and reinforcement learning for advanced text summarization. Technologies: LoRA, FLAN-T5 LLM, PPO, Reinforcement Learning, Python, PyTorch, TensorFlow.

ATS Resume Analyzer Project at Personal Project (2023-2024)

PROJECTS

ATS Resume Analyzer Tool Development (2023-2024)

Created an ATS Resume Analyzer using Gemini AI to evaluate resume ATS compatibility. Leveraged Gemini AI's NLP to analyze resume content and formatting against ATS guidelines. Provided users with feedback to optimize resumes for improved ATS performance and interview opportunities. Technologies: Gemini AI, Python, Flask, HTML, CSS, JavaScript, React.js.

Skills

Python, C++, JavaScript, HTML, CSS3, SQL, R, PyTorch, TensorFlow, Scikit-learn, NumPy, Pandas, LangChain, RAG, LLMs, Gemini AI, FLAN-T5, React.js, Flask, Streamlit, Git

Education

Bachelor of Technology in [Your Major, e.g., Computer Science and Engineering] from Indian Institute of Technology (IIT) ISM Dhanbad ([Your Expected Graduation Year, e.g., 2026])