

Keshav Garg

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EXPERIENCE

AI/ML Intern

Agnisys Technology

May 2024 – July 2024, Noida

- Contributed to Natural Language Processing (NLP) projects, implementing a Retrieval-Augmented Generation (RAG) pipeline to improve data retrieval and response generation.
- Created an automated interactive dashboard using user data, significantly reducing manual data entry time by 100%.
- Collaborated with cross-functional teams to deliver high-impact solutions, enhancing project outcomes and client satisfaction.

PROJECTS

PaperQueryAI

paperquery.onrender.com • December 2024 – December 2024

- Developed a web application, PaperQueryAI, that provides research-backed answers to user queries by retrieving relevant peer-reviewed academic papers.
- Features: Allows users to ask questions in natural language, fetches answers backed by credible research, stores queries and responses in a database, and offers concise, well-supported answers.
- Technologies: Built with Flask, Python and LLM Models, and Render for deployment.
- Problem Solved: Reduces the time spent searching for credible research, providing efficient, evidence-based insights to students, researchers, and professionals with an optimized response time under 50 seconds.

Dasher Support Automation System

doordash.streamlit.app • November 2024 – November 2024

- Developed AI agents to streamline and enhance customer support by replicating DoorDash's Dasher Support Automation system using a Retrieval-Augmented Generation (RAG) pipeline.
- Features: Built AI agents that scrape and index Dasher support articles, retrieve relevant documents for user inquiries, and generate AI-powered responses with a two-layer guardrail system ensuring semantic relevance and accuracy.
- Technologies: Implemented Python for backend processing, used Selenium for web scraping, and designed the user interface with Streamlit.
- Problem Solved: Automated the customer support process with AI agents, providing precise and reliable responses to queries, thereby improving response quality and boosting operational efficiency.

Colorize Videos

github.com/KeshavG69/colorize-videos • April 2024 – April 2024

- Problem Solved: Automated the colorization of black and white videos to enhance visual appeal and historical video restoration.
- Implemented the pix2pix GAN architecture from scratch for video colorization, translating advanced research into functional code.
- Developed custom loss functions, data pipelines, and training optimizations using PyTorch, showcasing deep understanding of GANs and computer vision techniques.

EDUCATION

Bachelor of Technology (Computer Science)

Amity University • Noida • 2025

- Relevant Coursework: Machine Learning, Data Structures, Algorithms, Artificial Intelligence, Computer Networks, Database Management Systems

SKILLS

Programming Languages: Python, SQL

GenAI Tools: LangChain, Vector DB, Large Language Models, LangGraph

Deep Learning & AI: PyTorch, Scikit-learn, Huggingface, NLP, Matplotlib, Deep Learning Modeling

Data Analysis & Visualization: Pandas, NumPy, Data Analysis

Web Technologies: Selenium, Web Scraping, Flask

Soft Skills: Team Coordination, Leadership, Communication, Problem-solving, Adaptability, Time Management

INVOLVEMENT

Vice-Captain

Amity University, Noida • Chess Team • September 2021 – Present

- Secured a bronze medal in Amity University's Sports Meet, showcasing leadership, teamwork, and strategic skills in collegiate competitions.