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

Dasher Support Automation System

github.com/KeshavG69/DoorDash

· **Replicated** DoorDash's Dasher Support Automation system with a Retrieval-Augmented Generation (RAG) pipeline to enhance customer support.
· **Features:** Scraped and indexed Dasher support articles, retrieved relevant documents for user queries, and generated AI-driven responses with a robust two-layer guardrail system ensuring semantic similarity and groundedness.
· **Technologies:** Python for backend processing, Selenium for web scraping, and Streamlit for the user interface.
· **Problem Solved:** Automated customer support by delivering precise, grounded responses to user queries, improving response quality and operational efficiency.

LegalInsight

legal-insight.streamlit.app/ · June 2024 – August 2024

· Developed a web application that streamlines the analysis of legal chargesheets by automating summary generation, retrieving relevant past judgments, and providing strategic insights.
· Features: Enables users to upload PDF chargesheets, generates concise summaries, retrieves similar past judgments, offers AI-driven case strategies, and includes an interactive "Chat with PDF" feature for detailed document engagement.
· Technologies: Built with Streamlit for the frontend and Python for backend processing.
· Problem Solved: Simplifies the review of legal documents, improving efficiency and decision-making for legal professionals by integrating comprehensive analysis and interactive features.

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.

SKILLS

Programming Languages: Python,SQL
GenAI Tools: LangChain, Vector DB,Large Language Models
Deep Learning & AI: PyTorch, Scikit-learn, Huggingface, NLP, Matplotlib, Deep Learning Modeling
Data Analysis & Visualization: Pandas, NumPy, Data Analysis
Web Technologies: Selenium, Web Scraping
Soft Skills: Team Coordination, Leadership, Communication, Problem-solving, Adaptability, Time Management

EDUCATION

Bachelor of Technology (Computer Science)

Amity University · Noida · 2025

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

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.