

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

doordash.streamlit.app

- **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.