

# 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.

## PROJECT

### 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: Engineered AI agents to scrape, index, and retrieve Dasher support articles, ensuring contextually relevant responses. Implemented a two-layer guardrail system and evaluation techniques to enhance semantic accuracy, response reliability, and overall performance.
- Technologies: Python (backend processing), Selenium (web scraping), Streamlit (UI development).
- Impact: Automated customer support, improving response accuracy and operational efficiency while reducing manual intervention.

### 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.

## 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