

# Keshav Garg

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## SUMMARY

Innovative and driven AI/ML intern with a proven track record in Natural Language Processing (NLP), Deep Learning, and Data Analysis. Demonstrated expertise in implementing cutting-edge machine learning models and scripts, especially in GenAI applications such as Retrieval-Augmented Generation (RAG) pipelines. Passionate about leveraging technology to drive transformative solutions in global healthcare. Equipped with a strong academic foundation and substantial internship experience, excelling in collaborative, client-focused environments.

## 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

### LegalInsight

[github.com/KeshavG69/LegalInsight](#) • 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.

### NameGenie

[github.com/KeshavG69/NameGenie](#) • July 2024 -July 2024

- Problem Solved:** Streamlined the process of renaming files based on content to improve organization and searchability.
- Developed an intelligent file renaming system using state-of-the-art NLP and computer vision models.
- Implemented content-based renaming for text and image files using Florence-2-base and Qwen1.5-1.8B-Chat models.
- Engineered efficient token management and naming conflict resolution systems, ensuring optimal performance.

### 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.

### X-RayVis

[github.com/KeshavG69/X-RayVis](#) • June 2022 - July 2022

- Problem Solved:** Enhanced the diagnosis and analysis of medical images by implementing advanced visualization techniques.
- Developed** an image processing tool using TinyVGG architecture, achieving 92.5% accuracy.
- Optimized** model performance through transfer learning and data augmentation, resulting in increased diagnostic accuracy.
- Usage:** Users can clone the GitHub repository to utilize the tool.

## 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

- Helped secure a bronze medal in the Amity University Sports Meet.
- Demonstrated leadership, teamwork, and strategic skills during collegiate-level competitions.

### Volunteer Teacher

URB5 Foundation • January 2024 - March 2024

- Volunteered at URB5 Foundation, delivering tailored educational programs and support to underprivileged children.
- Collaborated on activities, monitored progress, and conducted community outreach.

## SKILLS

**Programming Languages:** Python

**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