

# Archit Agrawal

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## Education

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**KIET Group of Institutions, Delhi-NCR, Ghaziabad**  
(Affiliated to AKTU)

*Nov 2022 - Present*

B.Tech Computer Science And Engineering (AIML)

CGPA: 8.99/10

**MLDV Public Inter College, Hathras**

*2022 - 2023*

Senior Secondary

Grade: 93.2%

**St. Francis Inter College, Hathras**

*2019 - 2020*

High School

Grade: 91.8%

## Work Experience

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**Hustle AI Solutions**

*May 2025 – Present*

**AI Engineer Intern**

- Built a QA tool using **Streamlit**, **LangChain**, and **Gemini 1.5** for querying documents/images.
- Used **Mistral OCR API** and **FAISS** for fast image-to-text parsing and semantic search.
- Integrated **Google GenAI Embeddings** into a RAG pipeline for instant, context-aware answers.

## Projects

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**AI Doctor 2.0 – Multimodal Medical Chatbot**

*(Feb 2025 - March 2025)*

- Developed a multimodal AI-powered medical chatbot using **GROQ LLM** and **LLaMA 3 Vision**, providing text and image-based medical diagnosis support.
- Integrated **OpenAI Whisper** for real-time speech-to-text transcription and **gTTS/ElevenLabs** for natural text-to-speech responses, enhancing voice consultation capabilities.
- Built an interactive and accessible user interface using **Gradio**, supporting voice, image, and text inputs for realistic, patient-friendly healthcare interaction.

**GreatKart - eCommerce Application**    [\(Live Demo\)](#) [🔗](#)

*(Dec 2024 - Feb 2025)*

- Developed a scalable e-commerce platform using Django, featuring product management, a shopping cart system, secure payments, and automated inventory updates.
- Integrated an interactive review system with **half-star ratings**, order confirmation emails, and personalized user account management.
- Implemented **PayPal integration** to enable secure and efficient transactions.

## Achievements

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HackerRank Biweekly Contest: Secured 2nd position twice among 70+ competitors.

Solved 350+ problems on LeetCode and 350+ problems on GFG, mastering Data Structures and Algorithms.

Won first prize twice at INNOTECH 2023 - 2024 for poster presentations on social equality and inclusion, pitching innovative ideas at the departmental level.

Achieved a 4-star rating in SQL on HackerRank, showcasing proficiency in database management and query optimization.

## Technologies

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**Languages:** C, C++, Python, SQL, HTML, CSS

**Development Tools:** Android Studio, Jupyter Notebook, Google Colab, Microsoft SQL Server, Visual Studio Code, GitHub, PyCharm, PowerBI, Tableau, Flask, Django, Bootstrap

**Machine Learning Libraries:** Scikit-learn, Seaborn, NumPy, Pandas

## Certifications

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**Software Testing - NPTEL (IIT Kharagpur)**

**DSA Self Paced -Geeks For Geeks**

**Complete Data Analytics BootCamp-Beginner to Advanced -Udemy**

## Position of Responsibility

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Served as **Android Development Coordinator** at **CPByte**, a college community at KIET, mentoring students in Android app development and guiding them in building real-world projects.