

# Ayush Arya

📞 91-8081133775 ✉ [ayusharya.personal@gmail.com](mailto:ayusharya.personal@gmail.com) 💻 [inkedin.com/in/ayusharya25](https://www.linkedin.com/in/ayusharya25) 🌐 [ayusharya.me](https://ayusharya.me)

## Technical Skills

---

**Languages and Databases:** Python, C++, C, Java, JavaScript, Pandas, NumPy, SQL, MySQL

**Machine Learning Tools and Framework:** TensorFlow, keras, Scikit-learn, Lang chain, LLM

**Tools and Framework:** React Js, Flask, Django, Jupyter Notebook, Git/GitHub, Docker

## Experience

---

### Astro verse Pvt Ltd

July 2024 – September

AI Application Intern

Uttarakhand, India

- Built an AI chatbot that improved customer support response speed by 20%, enhancing user satisfaction and engagement.
- Designed a Q&A bot for precise, relevant answers, increasing engagement by 30% through targeted responses.
- Collaborated with cross-functional teams to align chatbot features with product requirements, contributing to improved product-market fit.
- Conducted extensive testing and debugging of chatbot functionalities, ensuring error-free performance and increasing reliability.
- Documented project milestones and bug resolutions, creating a comprehensive guide for future development.

### IIT BHU

March 2024 – May

Research Intern

Uttar Pradesh, India

- Developed a user-friendly interface for the Sanchay Tool, reducing onboarding time for researchers by 15%.
- Enhanced accessibility of language translation tools, streamlining workflows for efficient and accurate translations.
- Focused on making language translation tools more accessible, supporting researchers in conducting accurate and efficient translations.
- Collaborated with research teams to gather requirements, ensuring that UI features met practical needs effectively.
- Created detailed technical documentation, contributing to the knowledge base for ongoing and future projects.

## Projects

---

### Movie Mate

May 2024 – June

- Developed a Python-based movie recommendation system that customizes movie suggestions using collaborative filtering.
- Integrated machine learning algorithms to dynamically refine recommendations based on user interactions.
- Enhanced user experience by continuously adapting to individual preferences for more accurate suggestions.
- Delivered a personalized recommendation platform that intuitively aligns with user tastes.

### PDF 2 Chats

July 2024 – April

- Created a conversational interface enabling users to interact with PDF documents, making document queries more accessible.
- Leveraged a large language model (LLM) to generate context-aware responses based on PDF content.
- Streamlined document access by allowing users to ask questions and receive precise answers without manual navigation.
- Improved user productivity and engagement by transforming static PDF data into interactive, easily accessible information.

## Education

---

### Graphic Era Hill University

Sep 2021 – Jun 2025

Bachelor of Technology in Computer Science and Engineering with Machine Learning

Bhimtal, Uttarakhand