

# Mohd Arkam

*Software Developer*

+91 8957259197 | Email : [arkam2229@gmail.com](mailto:arkam2229@gmail.com) | LinkedIn : [linkedin.com/in/mohd-arkam-5a0a16226](https://www.linkedin.com/in/mohd-arkam-5a0a16226) | GitHub : <https://github.com/Arkam102> | Website : <https://mohdarkam.vercel.app/>

## SUMMARY

Computer Science undergraduate specializing in Data Science, proficient in Java, Python, SQL, and Web Development, with a strong grasp of coding and problem-solving. Eager to apply technical expertise and a fresh perspective to collaborative projects, driving impactful, data-driven solutions.

## EDUCATION

### DIT University

*Bachelor of Technology in Computer Science and Engineering | CGPA : 8.7*

### Bethany Convent School

*XII : 80.2*

Dehradun, Uttarakhand

*2021 - 2025*

Allahabad, Uttar Pradesh

*2020*

## PROJECTS

### Movie Recommender System | *Python, Machine Learning, HTML, CSS*

April 2024

- Developed a web-based movie recommendation application using Streamlit, leveraging the TMDb database for movie data.
- Implemented a recommendation engine using Cosine Similarity to suggest similar movies.

### DIT Genie | *LLMs, Flask, Retrieval-Augmented Generation (RAG), Generative AI, LangChain, Python*

Aug 2024

- Developed an AI-powered campus assistant leveraging Retrieval-Augmented Generation (RAG) with LangChain and Google Gemini to handle student and faculty queries.
- Built with a ReactJS frontend and Flask backend, integrated with a structured knowledge base, and equipped with an admin panel for real-time content management and scalability.

### Car Rental System | *Java, JDBC, SQL*

Aug 2024

- Created a Java-based Car Rental System that enables users to view available cars, rent vehicles, and return them efficiently.
- The system manages car and customer data using SQL, calculates rental costs based on daily rates, and prompts users for transaction confirmation.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, Python, HTML

**Web Technologies:** CSS, ReactJS, REST APIs, Flask

**Programming Skills:** DSA, OOPS, Problem-Solving, Computer Networks, Operating System

**Libraries and Frameworks:** NumPy, Pandas, Matplotlib, LangChain

**Technologies:** NLP, RAG (Retrieval-Augmented Generation), Google Gemini, FAISS

## CERTIFICATIONS

**Python for Data Science, AI and Development - IBM, Coursera**

**Career Essentials in Generative AI - Microsoft, LinkedIn Learning**

**Google Data Analytics - Google, Coursera**

## POSITIONS OF RESPONSIBILITY

**President (Head Boy) of School**

**Cultural Team Member (NSS Council)**

**GPF Youth Club Member**

## PERSONAL INTERESTS / HOBBIES

*Sports Aficionado | Gaming Enthusiast | Data Science Explorer | Music Lover*