

## Shashank Acharya

 Chennai, India |  (+91) 9326597845 |  shashankacharya2005@gmail.com  
 [shashankacharya.com.np](https://shashankacharya.com.np) | [GitHub](#) | [LinkedIn](#)

## Education

### SRMIST, Chennai, India

*B.Tech with Specialization in AI/ML (Expected 2027)*

- Current Semester: 4th
- CGPA: 9.38

### Kathmandu Model College (KMC), Kathmandu, Nepal

*High School (2022 - 2023)*

- GPA: 3.71/4.00 (92.75)
- Rank: 50/1700

## Projects

- [Adaptive Clustering for Dynamic IoT Data Streams \(2025\)](#)  
Implemented research paper using Adaptive K-Means Clustering for continuous sensor data clustering.
- [Fine-Tuned LLAMA 2 \(2025\)](#)  
Fine-tuned LLAMA 2 with a custom dataset using PEFT techniques such as LoRA and QLoRA.
- [RAG: Chat with PDFs \(2025\)](#)  
Developed a RAG model that embeds and retrieves context from 10+ PDFs using Annoy and Gemini API.
- **Prime Roads (2024)**  
Built a website and creatives for a highway paint company as part of ByteArchive.
- [File Manager \(2024\)](#)  
Developed a file manager app for the SRMIST Operating System Expo that organizes files based on type or creation date.
- **Generative AI Projects (2024)**  
Created multiple generative AI applications using Gemini API, including:
  - [ChatwithPDF](#): Upload a PDF and ask contextual questions.
  - [Headline AI](#): A Streamlit app for generating captions, hashtags, and content ideas.

- [Chess Versus Result Finder \(2024\)](#)  
Developed a web app using Chess.com API to analyze and compare scores of different players over time.
- [Social Media Marketing Agency \(2022\)](#)  
Built a website for a personal social media marketing agency named 'Shashank's.'

## Experience

### Byte Archive | Chennai, India (June 2024 - Sept 2024)

- Worked as **Creative Lead** in a student-run company providing global client services.
- Developed engaging social media content for clients.
- Assisted the technical team with front-end tasks.

### Datastream Clustering Project with SRM Faculty (Feb 2025 - Present)

- Collaborating with [Dr. Amutha A.J](#) on a research project focusing on clustering data streams.c

## Awards & Honors

- **Creative Head, ByteArchive (2024)**
- **First Prize, National Chess Championship (+2 Level), Nepal (2023)**
- **Special Mention Award, LAI MUN (2023)**

## Extracurricular Activities

- **Directorate of Alumni Affairs (2024)**
  - Member of Alumni Relations domain, responsible for inviting and hosting alumni.
- **Start-Up Summit Nepal (2023)**
  - Volunteered in the event and interacted with CEOs of PayTM Money and Dolma Fund Management.
- **IEEE GRSS (2024)**
  - Co-Head of IEEE GRSS Algorithm and AI/ML club of SRMIST recently
- **Liftoff (2024)**
  - Developed projects like Censory, Headline AI, and Cat-Dog Classification under mentorship.

## **Skills**

- **Programming Languages:** C, Python, NumPy, Pandas, JavaScript
- **Machine Learning:** Supervised ML models, Generative AI, Adaptive Clustering
- **Tools & Technologies:** Streamlit, Annoy, Gemini API, PEFT, LoRA, QLoRA

## **Courses & Certifications**

- **Courses:** Programming for Problem Solving, Object-Oriented Design and Programming
- **Certifications:**
  - *Machine Learning Specialization (Coursera)*
  - *Object-Oriented Data Structures in C++ (Coursera)*