

SHARAD BAHADUR SINGH

Full Stack Developer & Data Scientist

Noida, India

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Technical Skills

Languages & Databases: C/C++, JavaScript, Solidity, Python, Java & SQL (Postgres), MongoDB

Frameworks & Libraries: React, Node.js, Express, Hardhat, RTK(Redux Toolkit), Tailwind, Bootstrap

Developer Tools: Git, GitHub, Kafka, Docker, Pandas, NumPy, Anaconda, Jupyter Notebook, Matplotlib

Projects

Chat with Video (RAG)  [github.com/.../Chat-with-video](https://github.com/sharad2014t/Chat-with-video) 2026

- Built a Retrieval-Augmented Generation (RAG) system to answer DSA questions from video lectures.
- Used Whisper for transcription, vector embeddings for semantic search, and LLaMA for grounded answers with video timestamps
- Currently enhancing the system and preparing it for deployment.

Reel Bite - Food reels platform  [github.com/.../ReelBite](https://github.com/sharad2014t/ReelBite) 2025

- Implemented JWT-based authentication with protected routes and MongoDB-backed user and content management.
- Developed frontend and backend as separate services for scalability.

InterviewPal – AI-powered interview readiness platform  [github.com/.../InterviewPal](https://github.com/sharad2014t/InterviewPal)  [Live Demo](#) 2025

- Created an AI-powered interview prep tool using Gemini API for personalized skill matching.
- Hosted on **Vercel** for fast, reliable access.

TipJar3.0 – Ethereum Tipping Platform  [github.com/.../TipJar3.0](https://github.com/sharad2014t/TipJar3.0)  [Live Demo](#) 2025

- Built a decentralized web app with Solidity smart contracts (Hardhat) for Ethereum-based tipping.
- Deployed on **Netlify** for seamless global access.

Experience & Certificates

Data Structures and Algorithm with C++ Certificate

- Practiced problem-solving and competitive programming techniques with real-world examples.
- Coding Platform Profiles: [LeetCode.com/shara7s7](https://leetcode.com/shara7s7)

Data Science Certificate

- Worked on data preprocessing, cleaning, and visualization using Python libraries (Pandas, NumPy, Matplotlib, Scikit-learn, RAG, Streamlit).
- Built and evaluated machine learning models for solving classification and regression problems.

Education

Jaypee Institute of Information Technology 2023–2027

B.Tech in Computer Science

Noida, Uttar Pradesh

Dewan Public School 2011–2023

12th Grade (CBSE)

Hapur, Uttar Pradesh