

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, Docker, Pandas, NumPy, Anaconda, Jupyter Notebook, TensorFlow, Matplotlib

Projects

California House Intelligence  github.com/.../California-House-Pre..  [Live Demo](#) 2025

- Built and deployed a **Streamlit** ML app (2,000 rows for performance, original dataset has 16,000 rows) that predicts home prices using a trained Random Forest model.
- Created an interactive UI for user inputs and real-time price predictions.
- Added an analytics dashboard with maps, feature importance, and price distribution visualizations.

InterviewPal – AI-powered interview readiness platform  github.com/.../Interv  [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/.../TipJar  [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/sharad](https://leetcode.com/sharad)

Data Science Certificate

- Worked on data preprocessing, cleaning, and visualization using Python libraries (Pandas, NumPy, Matplotlib, Scikit-learn).
- 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