# SHARAD BAHADUR SINGH

*Full Stack Developer | Data Science Enthusiast*

Noida, India

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## Technical Skills

Programming & Scripting: C++, JavaScript, Python, SQL, Solidity
Web Development: React.js, Node.js, Express.js, Firebase, RESTful APIs
Data Science & Analytics: Pandas, NumPy, Matplotlib, Data Cleaning, Regression, Classification
DevOps & Tools: Docker, Kubernetes, Jenkins, AWS, Git, GitHub Actions (CI/CD)
Databases & Backend: MongoDB, PostgreSQL, Clerk Auth, RazorPay, ImageKit, Kafka, Inngest

## Experience

**Google Developer Group (GDG) – JIIT 128**                                           **Aug 2023 – Oct 2025**
*Core Team Member*
- Mentored 10+ students in technical and career development; organized 100+ developer meetups.
- Contributed to community-driven open-source projects, improving collaborative workflows.

**LendWise – Secure P2P Lending Platform (Innovate 3.0 Hackathon)**                    **2026**
*Tech Stack: Next.js, ShadCN, Clerk, RazorPay, MongoDB*
- Developed a full-stack P2P lending platform with secure borrower–lender transaction flows.
- Engineered a creditworthiness engine utilizing transaction history to dynamically adjust loan limits.

## Projects

**Skill-Screen** | *MongoDB, Clerk, Stream, Monaco Editor, Piston API, Inngest*         **Live Demo | GitHub**
- Built backend services to manage coding interview sessions, users, and problem data with secure authentication and access control.
- Enabled real-time collaborative problem solving with Monaco code editor, multi-language support, and live code execution with instant output during sessions.

**Chat with Video (RAG)** | *Python ,Whisper, Vector Embeddings, Semantic Search, RAG, LLaMA*   **GitHub**
- Engineered a RAG system to answer DSA queries from video lectures using semantic search.
- Generated grounded responses with linked video timestamps for precise navigation and explainability.

**Reel Bite** | *Node.js, Express.js, MongoDB, JWT, Docker Compose, Multer, ImageKit, Kafka*   **GitHub**
- Built and secured backend REST APIs for a food reels platform with JWT-based authentication, authorization, and protected routes.
- Deployed a containerized multi-service architecture using Docker Compose (Frontend, Backend, MongoDB, Mongo Express) with persistent database volumes and cloud media uploads.
- **Quick Start:** Clone from GitHub and run docker compose up -d

## Certificates

**Data Science (CodeWithHarry)**                                                       **View Certificate**
- Worked on data preprocessing, cleaning, and visualization using Python libraries (Pandas, NumPy, Matplotlib, Scikit-learn, RAG, Streamlit).

## Education

**Jaypee Institute of Information Technology**                                          **2023 – 2027**
B.Tech in Computer Science (Noida, UP)

**Dewan Public School**                                                                **2011 – 2023**
12th Grade (CBSE)                                                                       Hapur, UP