

MADHUBAN KHATRI

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🌐 [Portfolio](#) | [Linkedin](#) | [Github](#)

Technical Skills

Languages: Python, JavaScript
Database: PostgreSQL, MS SQL Server
Framework/Library: Django & Rest Framework, FastAPI, LangChain, JWT, Asyncio, OAuth
Frontend: ReactJS, Bootstrap, Tailwind, HTML5, CSS3
Tools: Git, GitHub, Postman, Razorpay, Pytest

Experience

Software Engineer, ReliableSoft Technologies Pvt. Ltd. – Jodhpur Dec. 2023 – July 2025

- Contributed to the design, development, and maintenance of scalable backend services for a production-grade IPTV platform following SDLC best practices.
- Built an activity scheduling form that creates, updates, and removes packages at defined execution windows, enabling reliable, automated rollouts with clear auditability
- Token-based authentication and multi-factor OTP verification.
- Refactored SQL queries to boost **API speed by 30%** and ensure stable performance

Education

- **Master of Computer Applications(MCA)**, Bikaner Technical University Jan. 2023 – Apr. 2026
- **Bachelor of Science Maths(BSc.)**, Jai Narayan Vyas University Apr. 2018 – May 2021
- **12th(PCM)**, Montessary Bal Niketan Apr. 2017 - Apr. 2018

Projects

CinePlex - Movie Booking website (Python, Django, ReactJS, JavaScript, SQLite) [Link](#)

- Designed and integrated RESTful APIs for CRUD operations, movie listings, showtimes, and seat bookings.
- Integrated **Meta AI** for personalized **movie recommendations** using user history.
- Integrated **Razorpay payment gateway** to securely handle payments
- Implemented an **AI movie booking assistant** using **HuggingFace LLMs** and **LangChain** for natural-language query handling.

Text to Sql Tool (Python, Django, ReactJS, Gemini AI) [Link](#)

- Developed a backend tool that converts natural language commands into optimized SQL queries using uploaded database schema files and **Gemini AI**
- Reduced manual query writing effort by **60%** while improving query accuracy and developer productivity.

Poll Voting Web App (Python, Django, ReactJs, Django-Channels, Tailwind CSS) [Link](#)

- Developed a full-stack polling application enabling users to create, vote, and view live results on polls.
- **Django Channels** to implement WebSocket-based live vote updates without page refresh.
- Built secure RESTful APIs with Django and a responsive, interactive frontend using ReactJS.

Video Sharing webapp (Python, Django, SQLite, HTML, CSS, Bootstrap) [Link](#)

- Engineered a full-featured video streaming platform supporting video upload, playback, and search functionality.
- Implemented video categorization and search with optimized query handling for faster results.
- Constructed responsive UI with Bootstrap, ensuring a smooth experience across desktop and mobile devices.
- Applied video compression and optimized rendering for better playback performance.