

MADHUBAN KHATRI

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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 (<i>Python, Django, ReactJS, JavaScript, SQLite</i>)	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 (<i>Python, Django, ReactJS, Gemini AI</i>)	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 (<i>Python, Django, ReactJS, Django-Channels, Tailwind CSS</i>)	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 (<i>Python, Django, SQLite, HTML, CSS, Bootstrap</i>)	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.	