

# MADHUBAN KHATRI

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🌐 Portfolio | 🌐 / madhuban-khatri | 🌐 / MadhubanKhatri | 🌐 / madhubankhatr

## Technical Skills

**Programming Languages:** Python, C#

**Web Technologies:** .NET, HTML, CSS, JavaScript, ReactJS, Bootstrap, Tailwind

**Backend & Database:** Django, Django Rest Framework, FastAPI, MS SQL Server, REST APIs, JWT

**Tools & Integrations:** Git, GitHub, Postman, Razorpay, Django ORM

## Experience

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

- Designed and developed robust backend APIs for an IPTV (Internet Protocol Television) platform, focusing on security, performance, and scalability to support a growing user base.
- Built an activity scheduling form that creates, updates, and removes packages at defined execution windows, enabling reliable, automated rollouts with clear auditability
- Implemented token-based authentication and multi-factor OTP verification.
- Optimized **SQL queries** and **data models** to **ensure high availability and performance**

## Education

- **Master in Computer Applications**, Bikaner Technical University Nov. 2022 – Dec. 2025
- **B.Sc in Mathematics**, Jai Narayan Vyas University Apr. 2018 – May 2020
- **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.
- Implemented secure user authentication, registration, and session management
- Integrated **Razorpay payment gateway** to securely handle payments

**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.
- Integrated **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.
- Developed responsive UI with Bootstrap ensuring smooth experience across desktop and mobile devices.
- Applied video compression and optimized rendering for better playback performance.

**Student Management System** (Python, Django, SQLite, HTML, CSS, Bootstrap) [Link](#)

- Developed a role-based system with separate Admin Panel and Student Panel.
- Implemented user authentication and authorization for secure access using Django's authentication system.
- Followed **MVT (Model-View-Template)** architecture for clean code organization.
- Admin can manage student and teacher data, create and publish notices, and oversee all records through an interactive dashboard.
- Students can log in, update their profiles, view notices, and access personalized dashboard details.