

# MADHUBAN KHATRI

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🌐 Portfolio | 💬 /madhuban-khatri | 💬 /MadhubanKhatri | DEV /madhubankhatri

## 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

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| <b>Software Engineer</b> , 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 <b>SQL queries</b> and <b>data models</b> to ensure high availability and performance  |                       |

## Education

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|---|-----------------------|
| • <b>Master in Computer Applications</b> , Bikaner Technical University | Nov. 2022 – Dec. 2025 |
| • <b>B.Sc in Mathematics</b> , Jai Narayan Vyas University              | Apr. 2018 – May 2020  |
| • <b>12th(PCM)</b> , Montessary Bal Niketan                             | Apr. 2017 - Apr. 2018 |

## Projects

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|---|------|
| <b>CinePlex - Movie Booking website</b> ( <i>Python, Django, ReactJS, JavaScript, SQLite</i> )            | Link |
| • Designed and integrated RESTful APIs for CRUD operations, movie listings, showtimes, and seat bookings. |      |
| • Implemented secure user authentication, registration, and session management                            |      |
| • Integrated <b>Razorpay payment gateway</b> to securely handle payments                                  |      |

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| <b>Poll Voting Web App</b> ( <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. |      |
| • Integrated <b>Django Channels</b> to implement WebSocket-based live vote updates without page refresh.     |      |
| • Built secure RESTful APIs with Django and a responsive, interactive frontend using ReactJS.                |      |

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| <b>Video Sharing webapp</b> ( <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.                    |      |
| • Developed responsive UI with Bootstrap ensuring smooth experience across desktop and mobile devices.             |      |
| • Applied video compression and optimized rendering for better playback performance.                               |      |

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| <b>Student Management System</b> ( <i>Python, Django, SQLite, HTML, CSS, Bootstrap</i> )   | 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 <b>MVT (Model-View-Template)</b> 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.                             |      |