

# BHERU LAL MEGHWAL

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## PROFESSIONAL SUMMARY

Backend-focused Software Engineer and MCA student with a strong interest in system design and backend architecture. I actively build hands-on projects to better understand how real-world systems are designed, implemented, and scaled. Actively seeking internship or entry-level opportunities to strengthen my backend skills while contributing to meaningful software projects.

## EDUCATION

- Master of Computer Applications (MCA)** *CGPA: 7.5*  
*Mohanlal Sukhadia University, Udaipur* 2024 – 2026
- Bachelor of Science (B.Sc.) in Computer Science** *68.70%*  
*University College of Science (MLSU), Udaipur* 2021 – 2024

## TECHNICAL SKILLS

- Programming Languages: Python, JavaScript, Java, C, SQL
- Frameworks & Libraries: React, FastAPI, Express.js, Tailwind CSS
- Databases & Caching: PostgreSQL, MongoDB, Redis
- Tools & Technologies: Git/GitHub, REST APIs, Docker, Postman, VS Code

## PROJECTS

- EduStore**  
*System Design & Backend-Focused Full Stack Project*  
Tech Stack: React, FastAPI, Express.js, PostgreSQL, MongoDB, Redis, JWT
  - Approached the project with a design-first mindset, focusing on architecture and system behavior before implementation.
  - Designed overall system architecture and defined end-to-end data flow for a scalable educational platform.
  - Performed scalability analysis using assumptions and rough capacity estimation techniques.
  - Created Low-Level Design (LLD) including class diagrams following SOLID principles and OOP best practices.
  - Designed sequence diagrams to model request flow and interaction between system components.
- FilmiWorld**  
*Full Stack Web Application*  
Tech Stack: React, Express.js, MongoDB
  - Built the application end-to-end, handling frontend UI, backend APIs, and database design independently.
  - Implemented RESTful APIs and integrated frontend with backend services.
  - Used AI tools as a learning aid to clarify concepts and improve implementation efficiency while maintaining full control over design decisions.

## CERTIFICATIONS & PARTICIPATION

- Smart India Hackathon (SIH) – College-level internal round qualified
- NVIDIA Deep Learning Course (9 hours)
- iOS App Development – Training / Course participation

## CAREER OBJECTIVE

To begin my career as a backend-focused software engineer where I can apply system design principles, strengthen my backend skills, and learn from real-world production systems while contributing meaningfully to the team.