

# Shiwam

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## EXPERIENCE

### Intern – C-DAC, Noida

June 2025 – Present

- Worked on **Next.js framework** to build real-world, user-friendly applications.
- Utilized **Prisma ORM** to write efficient database queries and manage data models.
- Developed REST APIs for seamless communication between frontend and database.
- Project** – Laboratory Management System.

## PROJECTS

### Hirrd – Job Portal Application - [Click Here](#)

**Tech Stack:** ReactJS, Tailwind CSS, Supabase (PostgreSQL), Clerk

- Developed a full-stack job portal enabling recruiters to post jobs and candidates to search and apply.
- Implemented secure user authentication and role-based access with Clerk.
- Integrated supabase for real-time database management and job posting workflows.
- Designed responsive, user-friendly UI using ReactJS and Tailwind CSS.
- Improved user experience with modular components and efficient state management.

### Laboratory Management System – {Still in Development}

**Tech Stack:** Next.js, React, Tailwind CSS, Prisma ORMS, PostgreSQL

- Authentication & Approval Flow:** Implemented secure authentication with session-based login. Users can only access the system once an **Admin approves their account request**, ensuring controlled access.
- Admin Role:**  
Approves or rejects new user registrations before login access. Manages **departments, laboratories, and users** with complete CRUD operations. Assigns laboratories to employees and oversees overall system operations.
- Employee Role:**  
Adds and manages **items/resources** inside laboratories assigned by the Admin. Ensures correct data entry for laboratory resources.
- Custodian Role:**  
Verifies and checks items added by employees. Provides accountability by validating lab resources for accuracy and compliance.
- Admin Dashboard:** Built a responsive dashboard with **sidebar, navbar, and role-based access** for efficient navigation and management.
- Database & Relationships:** Designed relational schemas in PostgreSQL and implemented with **Prisma ORM** for handling Users–Departments–Labs–Items with integrity.
- UI/UX:** Developed a clean and responsive interface using React and Tailwind CSS, with reusable components for scalability.

## EDUCATION

- Master of Computer Applications (MCA)** Class of- 2025  
Dewan Institute of Management and Studies, Meerut || APJ Abdul Kalam Technical University, Lucknow
- Bachelor of Science (PCM)** Class of- 2023  
Choudhary Chhotu Ram PG College, Muzaffarnagar || Choudhary Charan Singh University, Meerut

## TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, Python
- Development:** React.js, Redux(tool kit), Node.js, Express.js, Next.js, Tailwind CSS, Shadcn/ui, Bootstrap CSS
- Database:** MongoDB, MySQL, Prisma ORM, PostgreSQL
- Version Control Platform & Tools:** Git, GitHub, Clerk-authentication, VS Code, Postman, AWS (S3)

## SOFT SKILLS

**Problem Solving || Teamwork || Communication || Time Management || Analytical Approach**

## ACHIEVEMENTS

- Secured 5th position in an AI-themed debate competition showcasing public speaking and analytical skills.
- Participated in an AI conference gaining insights into modern industry advancements.

## Workshops

- 3-Day Full Stack Development in MERN** – Project: Instagram UI/UX, Like Button Functionality
- AWS Workshop** – Covered AWS S3 integration and deployment
- Data Science 15 Day Workshop( Under IIT Kanpur Instructors):** Covered overall Data Science including python, Machine Learning, Statistics, Data Visualization |