

# MUSKAN CHAUHAN

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Lucknow, 226016, India

## CAREER SUMMARY:

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Computer Science graduate skilled in **Java, Python, DSA**, and **MERN stack development**.  
Passionate about building intelligent, scalable web apps with **AI integration** and **responsive UI/UX**.  
Driven to contribute to innovative, future-ready tech solutions.

## WORK EXPERIENCE:

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### Smart India Hackathon 2023 – Participant

- Organized by: Govt. of Himachal Pradesh
- Project: **AI-Driven Hospital Appointment Optimization** (PS Code: SIH1383)
- Developed an AI-integrated healthcare app to optimize doctor availability and virtual appointment scheduling.
- Implemented **MERN stack** for full-stack development.
- Leveraged **NAVIC** to calculate patient arrival times.
- Contributed to **UI/UX design** with responsive layouts and real-time notifications

### Fitness Trainer System (Planned Target Completion: 2025)

- Designing a smart fitness coaching platform using the MERN stack, featuring AI-driven workout recommendations, Real-time progress tracking, and instant feedback.
- The system will include secure user authentication, dynamic dashboards, and integration with wearable device APIs for personalized health insights.

## PROJECTS:

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### AI-Driven Hospital Appointment Optimization – **SOZOCARE**

- Built a full-stack AI-integrated healthcare app to optimize real-time virtual appointment scheduling and doctor availability.

### Smart Fitness Trainer System – **AuraFlex**

- MERN-based platform with AI-driven workout recommendations, real-time feedback, and wearable integration for personalized fitness coaching

## EDUCATION:

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### Dr. A.P.J. Abdul Kalam Technical University , Lucknow

- Pursuing Bachelors Of Technology : Computer Science (7.4 CGPA) (Oct 2022 – Jul 2026)

### Canossa School , Lucknow

- 82% (PCM) – Class 12<sup>th</sup> (Mar 2021 – Apr 2022)
- 79.2% (PCM) – Class 10<sup>th</sup> (Mar 2019 –Apr 2020)

## SKILLS:

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- Proficient in front-end technologies (**HTML, CSS, JavaScript, React.js, Angular.js, Bootstrap**) and back-end development using **Node.js, Java** and **MySQL**.
- Strong foundation in **Data Structures and Algorithms**, with hands-on experience in **Java programming**