

# Chirag Sharma

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## EDUCATION

### MANIPAL UNIVERSITY JAIPUR

BTECH IN INFORMATION  
TECHNOLOGY

Grad May 2024 | Current CGPA 8.48

### CENTRAL ACADEMY SENIOR SECONDARY

PHYSICS, CHEMISTRY AND MATH  
WITH PHYSICAL EDUCATION

Grad. May 2020 | Cum. Per: 76.6 |  
Rajasthan, India

## COURSEWORK

### PURSuing UNDERGRADUATE

- Data Structures and Algorithms
- Analysis and Design of Algorithm
- Introduction to programming
- Object Oriented Programming
- Relational Database Management System
- Operating Systems
- Computer Networks
- Web Programming

## SKILLS

### PROGRAMMING

Skills

- Data Structures and Algorithms

- Web Development

Languages:

- Advance: C/C++, JavaScript

- Intermediate: Java

- Novice: Python

Tools:

- Git

- Linux

- Windows

- Android Studio

## PROJECT(S)

### BREAD AND BREAKFAST WEBSITE REACTJS | NODEJS | MONGODB | TAILWIND CSS

Developed secure Bed and Breakfast website using MERN stack with JWT authentication. Implemented intuitive React frontend for seamless user exploration. Leveraged MongoDB for efficient data management and Node.js/Express for optimized backend performance. Delivered a user-friendly booking platform with enhanced security and aesthetics.

### TRAINED A REINFORCEMENT LEARNING AGENT TO RACE AROUND A TRACK STABLE BASELINES | OPENAI GYM | TENSORFLOW GRAPHS

In this project, I utilized Stable Baselines, TensorFlow graphs, and OpenAI Gym to create an autonomous car capable of learning to maneuver around a track through reinforcement learning. By employing various reinforcement learning algorithms, I systematically compared their effectiveness in training the car to achieve optimal track navigation.

### MOVIEBROWSING WEBSITE REACTJS

Website that allows you to browse various movies and their information. Used OMDB API for movie information.