



# SANSKAR SUNIL GANDHEWAR

B.E. - Electronics & Telecommunication Engineering

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## BRIEF SUMMARY

As a full-stack developer, I possess a robust foundation in Core Java, Advanced Java, HTML5, CSS, and JavaScript, which allows me to create highly functional and responsive web applications. I am experienced in frameworks such as Spring Boot and Hibernate, enabling me to build dynamic, scalable, and secure systems. My expertise extends to React.js for building interactive user interfaces, with a deep understanding of Bootstrap for responsive design.

I have hands-on experience in MySQL and JDBC for database management, and I am proficient with tools like Maven for project management. My knowledge of C++ and Object-Oriented Programming (OOP) principles strengthens my ability to design efficient and maintainable code. I also bring expertise in DBMS, Operating Systems, and Computer Networks to ensure robust backend and system-level performance.

With a Java certification from NPTEL, I continuously strive to enhance my skills and stay updated with the latest technologies. I thrive in solving complex challenges, designing scalable solutions, and contributing to projects that integrate innovation and efficiency.

## KEY EXPERTISE

Java HTML5 MySQL CSS C++ JDBC hibernate javascript Spring Boot React.js Bootstrap  
Advanced Java Maven Cloud Computing C Database Object-Oriented Programming Eclipse Group Work  
Leadership Active Learning Leadership Skills Problem Solving Logic Programming Team Leadership  
Risk Assessment Time Management Critical Thinking Decision-Making Conflict Resolution

## EDUCATION

**Sinhgad Institute of Technology**

2021 - 2025

B.E. - Electronics & Telecommunication Engineering | CGPA: 7.84 / 10

**Markandeya junior college, Ralegaon**

2021

12<sup>th</sup> | MSBSHSE | Percentage: 87.83 / 100

**School of Brilliant, Ralegaon**

2019

10<sup>th</sup> | CBSE | Percentage: 69.20 / 100

## AWARDS AND SCHOLARSHIPS

- Topper of 2nd Semester in Control System Subject

## PROJECTS

**Live Analog Time Display**

19 Jan, 2025 - 19 Jan, 2025

Mentor: Myself | Team Size: 1

Key Skills: CSS Javascript HTML

Project Link: <https://github.com/SanskarGandhewar/Analog-Clock->

This project is a real-time Analog Clock developed using HTML, CSS, and JavaScript. It features a visually appealing clock face with dynamic hour, minute, and second hands that update in real time.

> HTML: Provides the structural layout for the clock.

> CSS: Styles the clock face and hands with smooth and responsive design.

> JavaScript: Calculates and updates the rotation of the clock hands using the current time, ensuring accuracy with real-time updates. The clock uses JavaScript's Date object and setInterval to dynamically adjust the clock hands every second. It's lightweight, interactive, and a great example of combining core web technologies for practical applications.

**Dynamic Lamborghini Animation**

15 Jan, 2025 - 15 Jan, 2025

Mentor: Myself | Team Size: 1

Key Skills: HTML CSS Javascript

Project Link: <https://github.com/SanskarGandhewar/Moving-Lamborghini-Car-Animation>

This project creates a dynamic car animation using HTML, CSS, and JavaScript. It features a moving car with rotating wheels traveling along a scrolling track, set against a scenic background. A looping sound effect enhances the user experience.

>HTML: Defines the structure for the car, track, and background.

>CSS: Provides animations for:  
Car movement and shaking.  
Wheel rotation.  
Scrolling track and background.  
>JavaScript: Plays a looping background sound on page load.  
The project demonstrates a visually engaging animation ideal for creative or educational purposes.

Shop Products Management System

27 Oct, 2024 - 30 Oct, 2024

Mentor: Myself | Team Size: 1

Key Skills: Java Hibernate SQL Maven JDBC OOPs Database

Project Link: <https://github.com/SanskarGandhewar/shop-management-system>

This project is a Product Management System designed with a multi-layered architecture for effective product management in a database. The system includes an Entity Layer , which defines the `Product` class to model product attributes such as ID, name, price, and quantity. The DAO Layer handles database interactions, including CRUD operations, using JDBC. The Service Layer contains business logic for processing product data and serves as an intermediary between the DAO and the controller. The Controller Layer provides APIs to facilitate product management tasks, such as querying products by ID or price and managing inventory. This structure ensures modularity, scalability, and ease of maintenance, making it a robust solution for product management.

Spotify-Interface-Clone

20 Sep, 2024 - 23 Sep, 2024

Mentor: Myself | Team Size: 1

Key Skills: HTML5 CSS

Project Link: <https://github.com/SanskarGandhewar/Spotify-Clone>

Spotify Interface Clone  
This project is a front-end clone of the Spotify web player interface developed using HTML5 and CSS3. It features a responsive design with a visually appealing layout, including a sidebar navigation, dynamic sections like "Recently Played" and "Trending Near You," and a sticky navigation bar for enhanced usability. Additionally, a mock music player is integrated at the bottom with functional controls and a progress bar. The project showcases clean code structure, custom styling, and an organized card-based layout for songs and playlists.

ACHIEVEMENTS

- NPTEL Certified Java Programmer

ASSESSMENTS / CERTIFICATIONS

Sanskar Gandhewar

Aggregate: 63 / 100  
Subjects: Programming in Java ( 63 / 100 )

Key Skills: Core Java Object-Oriented Programming Handling Multithreading Collections JDBC Data Structures

The "Programming in Java" certification is a 12-week course covering essential Java programming concepts, including object-oriented principles, encapsulation, inheritance, exception handling, multithreading, GUI development (Swing and AWT), networking, and database connectivity (ODBC). It prepares participants to develop secure, scalable, and efficient software for modern IT applications like web development, mobile programming, and distributed systems. This course is ideal for engineering students or anyone with basic programming knowledge, equipping them with industry-relevant skills to tackle real-world software challenges.

CO-CURRICULAR ACTIVITIES

- Participate in Techtonic Ethical Hacking

PERSONAL INTERESTS / HOBBIES

- Fitness Enthusiast, Puzzle solving, Photography

PERSONAL DETAILS

Gender: Male	Date of Birth: 03 Aug, 2002
Marital Status: Single	Known Languages: English, Hindi, Marathi
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