SANJAY YADAV

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Education

Don Bosco Institute of Technology   **Nov. 2022 – Present**
Bachelor of Engineering in Computer Engineering   *Mumbai, Maharashtra*

R.K. Talreja College of Arts, Science and Commerce   **Oct. 2020 – Mar. 2022**
H.S.C. in Science   *Thane, Maharashtra*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Internet Technology
- Data Analysis
- Computer Networks
- Computer Architecture
- Artificial Intelligence

Projects

DSABUDDY | *React, Javascript, NodeJS, HTML, CSS*   **April 2024**
- Developed DSABUDDY, with functionalities including **Data Structures and Algorithms Visualization**, interactive problem-solving, and real-time code execution.
- Implemented interactive visualizations and step-by-step problem-solving guides, improving user engagement and comprehension by **40%**.
- Designed and integrated advanced features such as real-time code **Execution and Feedback** to enhance user experience and learning outcomes.

Make Your BMW - Car Dealership Website | *JavaScript, jQuery, Bootstrap, CSS, HTML*   **November 2023**
- **Make Your BMW** is an innovative online car showroom website designed to provide users with a comprehensive and interactive experience for exploring, customizing, testdrive booking and purchasing BMW vehicles.
- Developed using HTML, CSS, and Bootstrap for a responsive and visually appealing user interface.
- JavaScript manages form validation and user interactions, ensuring smooth operation without page reloads
- **jQuery** powers the **real-time updates** of vehicle customization options, ensuring instant feedback on user selections.

Training / Courses

Godrej Infotech Data Analytics Training   **Aug. 2024 – Present**
- Currently enhancing skills in data analytics with Power BI and cloud computing for advanced data visualization and scalable solutions.

AWS Academy Cloud Foundations   **Aug 2024**
- AWS Academy Cloud Foundations is a foundational course designed to provide students with a comprehensive understanding of cloud computing concepts and Amazon Web Services (AWS) core services
- Understood AWS core services, including compute, storage, databases, analytics, machine learning, and security.

Experiences / Extracurricular

Domain Maths Club - Puzzle Team   **July 2022 – May 2023**
Problem Designer   *Mumbai, Maharashtra*
- Create engaging and challenging puzzles and games for various audiences.
- Collaborate with the events team to integrate puzzles into live, online, and hybrid events .
- Conduct playtests, gather feedback, and refine designs to enhance gameplay. .

Technical Skills

Languages: Python, Pandas, Numpy, Java, C, C++,, HTML/CSS, C#, JavaScript, PL/SQL
Developer Tools: VS Code, PyCharm, IntelliJ IDEA , AWS Cloud Platform, Unity, MongoDB,
Technologies/Frameworks: Linux, Bootstrap, GitHub, , Beautifulsoup4 , Selenium,
Coding Profiles: Leetcode, GeeksforGeeks,CodeStudio, Codeforces, HackerRank,