SANJAY YADAV

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Technical Skills

Languages: Java, Python, JavaScript, C++, C, HTML, CSS, C#, SQL
Developer Tools: AWS Cloud, Power BI, Unity, MongoDB, MySQL, VS Code, PyCharm, IntelliJ IDEA
Technologies/Frameworks: React, Tailwind CSS, Bootstrap, Redux, Node.js, Express
Coding Profiles: Leetcode, GeeksforGeeks, CodeStudio, Codeforces, HackerRank

Experience / Extracurricular

GDGC DBIT   June 2024 – Present
DSA Expert   *Mumbai, Maharashtra*
- Conducted a **40-day DSA Bootcamp**, teaching core data structures, algorithms, and problem-solving to new learners.
- Mentored participants in the **Google Gen AI Study Jam**, helping them explore AI tools and frameworks.
- Collaborated with mentors to design engaging content and facilitate learning.

Domain Maths Club - Puzzle Team   July 2023 – May 2024
Problem Designer   *Mumbai, Maharashtra*
- Designed engaging puzzles for various audiences and collaborated with event teams for integration into live and online events.
- Conducted playtests and refined designs based on feedback to enhance gameplay.

Projects

BrandName - eCommerce Site | *MERN Stack, JWT Authentication, Razorpay Payment*   Jan 2025
- Developed an eCommerce site with authentication, product management, shopping cart, and secure checkout.
- Implemented **JWT Authentication** for secure user access.
- Built an **Admin Panel** for managing products, orders, and customer data.
- Integrated **Razorpay** for secure payments and smooth transactions.
- Enabled product filtering by categories and price, enhancing user experience.
- Ensured a responsive, user-friendly interface across devices.

DSABUDDY | *React, JavaScript, Node.js, HTML, CSS*   April 2024
- Developed DSABUDDY for visualizing **Data Structures and Algorithms, including real-time problem-solving and code execution.**
- **Implemented interactive visualizations**, improving user engagement by **40%**.
- Enhanced learning outcomes by integrating real-time code execution and feedback.

Make Your BMW - Car Dealership Website | *JavaScript, jQuery, Bootstrap, CSS, HTML*   November 2023
- Developed an interactive car dealership website for exploring, customizing, and purchasing BMW vehicles.
- Used **HTML**, **CSS**, and **Bootstrap** for a responsive, visually appealing UI.
- Implemented **JavaScript** for form validation and seamless user interactions without page reloads.
- Leveraged **jQuery** for real-time vehicle customization updates and instant feedback.

Training / Courses

Godrej Infotech Data Analytics Training   Aug. 2024 – Oct. 2024
- Completed training in data analytics with Power BI and cloud computing, focusing on advanced data visualization.

AWS Academy Cloud Foundations and Architecting   Aug. 2024 - Sep. 2024
- Completed foundational and architecting courses on AWS, covering core services like compute, storage, databases, and machine learning.
- Gained expertise in designing scalable, secure applications and understanding best practices for cloud architecture.

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*