

SANJAY YADAV

Ulhasnagar, Thane, Maharashtra - 421002

☎ 8483088615

✉ sy163182@gmail.com

🌐 [linkedin.com/in/sanjay-yadav-2813852ab/](https://www.linkedin.com/in/sanjay-yadav-2813852ab/)

🐙 github.com/sanjay-yadav-05

Technical Skills

Languages: Java, Python, JavaScript, C++, C, SQL, HTML, CSS

Developer Tools: MongoDB, MySQL, PostgreSQL, Kafka, Kong, Docker, Postman, Grafana, Prometheus

Technologies/Frameworks: ReactJS, ExpressJS, Spring Boot, Tailwind CSS, NodeJS, Socket.io, AWS, GCP, Flask

Coding Profiles: [Leetcode](#), [HackerRank](#), [Codeforces](#), [GeeksforGeeks](#)

Experience / Extracurricular

GDGC DBIT

Jun 2024 – Jun 2025

DSA Expert

Mumbai, Maharashtra

- Designed and led a **40-day DSA bootcamp** on core data structures and algorithms, organized a HackerRank contest with **50+ participants**, and curated a structured practice sheet from LeetCode and GFG with detailed solutions.
- Mentored 20+ participants in the **Google Gen AI Study Jam**, helping them explore AI tools and frameworks.
- Volunteered in a **two-day MERN stack workshop**, assisting participants in resolving their doubts and technical issues.

Domain Maths Club - Puzzle Team

Jul 2023 – May 2024

Problem Designer

Mumbai, Maharashtra

- Designed 30+ puzzles for the weekly "Wednesday Puzzle Contest" throughout the year and created games for various events, also took the lead in organizing multiple events successfully.

Projects

CodeCraft - Learn, Practice & Battle | *Next.js, Node.js, MongoDB, Gemini, Ollama, WebSocket*

Mar 2024

- Developed a **full-stack coding platform** enabling 100+ users to learn, practice, and compete in programming challenges with real-time execution support.
- Leveraged **Next.js** for server-side rendering and optimized routing, improving page load times by 30% and enhancing SEO performance.
- Integrated **Gemini + Ollama LLMs** to provide AI-powered problem recommendations, hints, and **automated challenge verification**, ensuring fairness and accuracy in evaluations.
- Implemented **real-time coding battles with WebSocket**, supporting 50+ concurrent duels with minimal latency.
- Optimized database queries and indexing for challenge submissions, reducing average query execution time by 25%.

BrandName - eCommerce Site | *MERN Stack, RESTfull API, JWT Authentication, Razorpay Payment*

Jan 2025

- Engineered a full-featured eCommerce platform with authentication, product management, shopping cart, and secure checkout workflows.
- Implemented **JWT-based authentication** for secure user access and role management.
- Created an **Admin Panel** to manage products, orders, and customer data efficiently.
- Integrated **Razorpay** to enable secure, seamless payment processing.
- Added product filtering by category and price, improving navigation and user experience.

DSABUDDY | *React, JavaScript, Node.js, HTML, CSS*

Apr 2024

- Developed an interactive platform to visualize **Data structures and Algorithms** with support for real-time code execution
- Implemented interactive visualizations**, improving user engagement by 40%.

Honors / Awards

- 1st Place, Debugging Marathon, GDGC, Pillai College of Engineering - Mar 2025
- 1st Runner-Up, Codeverse Hackathon, Don Bosco Institute of Technology, Mumbai - Mar 2025
- Top 10 Finalist and Adaptive & Promising Title Winner, IDEA Hackathon, K.J. Somaiya College of Engineering, Mumbai - Mar 2025

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 Foundation and Architecting

Aug 2024 - Sep 2024

- Completed foundational and architecting courses on AWS, covering core services like compute, storage, databases, and machine learning.

Education

Don Bosco Institute of Technology

Nov 2022 – Present

Bachelor of Engineering in Computer Engineering - 8.71 CGPA

Mumbai, Maharashtra