SANJAY YADAV

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Technical Skills

Languages: Java, JavaScript, TypeScript, Python, C++, C, SQL, HTML, CSS
Developer Tools: MongoDB, MySQL, PostgreSQL Kafka, Kong, Docker, Postman, Grafana, Prometheus, Power BI
Technologies/Frameworks: ReactJS, NestJS, ExpressJS, Spring Boot, GraphQL, Tailwind CSS, NodeJS, Socket.io, GCP
Coding Profiles: Leetcode, HackerRank, Codeforces, GeeksforGeeks

Experience / Extracurricular

SDE Intern   Oct 2025 – Present
Edviron   *Mumbai, Maharashtra*
- Full Stack Developer at **Edviron** (FinTech), working with **NestJS**, **GraphQL**, **ReactJS**, and **TypeScript**.
- Develop backend microservices, GraphQL APIs, and integrate multiple **payment gateways** for secure transactions.
- Build responsive frontend components in **ReactJS** and collaborate in an **Agile team** for code reviews and deployments.

DSA Expert   Jun 2024 – Jun 2025
GDGC DBIT   *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 worksho**p, assisting participants in resolving their doubts and technical issues.

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*