SANJAY YADAV

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Technical Skills

Languages: JavaScript, TypeScript,Java, 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, Node.js, Socket.io, GCP
Coding Profiles: LeetCode, HackerRank, Codeforces, GeeksforGeeks

Experience / Extracurricular

SDE Intern   **Oct 2025 – Present**
Edviron   *Mumbai, Maharashtra*
- SDE Intern at a **FinTech startup**, working with **NestJS**, **GraphQL**, **ReactJS**, **TypeScript**, and **MongoDB**.
- Developing backend microservices and **GraphQL APIs**, designing database schemas, and integrating payment gateways including **Cashfree**, **Razorpay**, and **Easebuzz** for secure transactions.

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 workshop**, assisting participants in resolving their doubts and technical issues.

Projects

SitePilot – AI-Powered Website Orchestration Platform | *Next.js, Node.js, AI/LLMs, Multi-Tenant*   **Feb 2026**
- Designed and built an **AI-powered, multi-tenant SaaS platform** that automates website creation, management, and optimization at scale.
- Engineered a **scalable backend architecture** with strong tenant isolation, enabling seamless onboarding of multiple clients.
- Applied **enterprise-grade design principles** such as modular services, clear workflows, and extensible APIs to support long-term platform growth.

CodeCraft - Learn, Practice & Battle | *Next.js, Node.js, MongoDB, Gemini, Ollama, WebSocket*   **Mar 2025**
- 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%.

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*