

NISHANT YADAV

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PROFESSIONAL SUMMARY

Computer Science undergraduate with a strong foundation in Frontend Development, Data Structures and Algorithms, System Design Fundamentals, and Programming. Aiming to apply these skills in software or web development roles. Committed to building efficient, scalable solutions through hands-on projects, collaborative teamwork, and continuous learning, with practical exposure gained through Smart India Hackathon (SIH) participation.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C

Frontend: HTML5, CSS3, React, Tailwind CSS

Backend: Node.js, REST APIs

Database: SQL

Tools: Git, GitHub, VS Code, WordPress

Core CS: Data Structures, Algorithms, System Design

PROJECTS

ASTRANYX Discord Music Bot — github.com/nishantnirwan/discord-music-bot | *Node.js, Discord.js, JavaScript*

- Developed a feature-rich Discord music bot with advanced queue management and autoplay functionality.
- Implemented slash commands and 24/7 playback functionality for seamless and uninterrupted user experience.

PC Optimizer — github.com/nishantnirwan/pc-optimizer | *Python*

- Created a system optimization tool for Windows to boost performance and improve overall system efficiency.
- Packaged as a standalone executable for easy deployment with no external dependency requirements.

Portfolio Website — github.com/nishantnirwan/portfolio | *HTML5, CSS3*

- Designed and developed a fully responsive personal portfolio website showcasing projects and technical skills.
- Ensured cross-browser compatibility and implemented modern UI/UX design principles throughout.

Quiz Application — github.com/nishantnirwan/quiz-application | *Java, OOP*

- Built a console-based quiz system with real-time answer validation and automated score tracking.
- Applied Object-Oriented Programming principles for modular, reusable, and maintainable code architecture.

EDUCATION

B.Tech - Computer Science and Engineering 2023 – 2027
Galgotias University | CGPA: 7.6

Senior Secondary Education (Class XII) 2020 – 2022
New Lancers Convent School | Percentage: 87%

Secondary Education (Class X) 2008 – 2020
New Lancers Convent School | Percentage: 84%

ACHIEVEMENTS & CERTIFICATIONS

- Solved 200+ Data Structures and Algorithms problems across competitive coding platforms.
- SIH 2025 (Smart India Hackathon) Participation Certificate.
- Digital Skills: Artificial Intelligence Certificate - Accenture.
- Tata GenAI Powered Data Analytics Job Simulation Certificate.