

Yash Singhal

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SKILLS

- Languages:** Python, JavaScript, C, C++, Java
- Frameworks & Libraries:** HTML and CSS, Bootstrap, Node.js, React.js
- Tools & Platforms:** Vs Code, MySQL, Power BI, Git, Excel, Packet Tracer
- Core CS Fundamentals:** DBMS, OS, CN, SQL, OOPs
- Soft Skills:** Time Management, Leadership, Problem-Solving, Adaptability, Quick Learner

INTERNSHIP

Marketing Leadership Intern – Pascal's Institute Private LTD

Mar' 25 – Sep' 25

- Contributed to marketing strategy and brand-building initiatives during a Marketing Leadership Internship, supporting campaign planning and execution.
- Assisted in designing and executing promotional content and marketing campaigns to enhance brand presence and audience engagement.

Tools: Social media platforms, basic marketing tools

PROJECTS

IOLP Building Analytics Dashboard | GitHub

Mar' 25 – Apr' 25

- Built a data-driven dashboard transforming raw building data into actionable insights.
- Designed visualizations for rentable space distribution, building availability, and regional trends.
- Implemented pivot tables, slicers, maps, and automated data workflows for better decision-making.
- Improved reporting efficiency by organizing datasets and creating an interactive interface that streamlined stakeholder analysis.

Tech stack: MS Excel (Pivot Tables, Slicers, Conditional Formatting, Charts, Maps)

Interactive Sorting Algorithm Visualizer | GitHub

Jul' 25 – Aug' 25

- Developed a web-based tool to visualize Bubble, Selection, Insertion, and Merge Sort in real time.
- Added interactive controls for array size, speed, and algorithm selection.
- Integrated step-by-step algorithm breakdowns to help users understand time complexity visually.

Tech stack: HTML, CSS, JavaScript

TRAINING

Mastering in DSA – Lovely Professional University (LPU)

Jun' 25 – Jul' 25

- Completed an intensive summer training program focused on mastering Data Structures and Algorithms (DSA), covered both fundamental and advanced concepts.
- Gained strong problem-solving skills through structured practice, implemented efficient algorithms, analyzed time and space complexity, and solved real-world coding challenges.

Tech stack: C++, STL, System Design Basics, Mastery of Data Structures and Algorithms.

CERTIFICATES

Nation C++ Skill Up | Geeks for Geeks | Link

Aug' 25

Certificate Of Merit (Mastering DSA) | Lovely Professional University | Link

Jul' 25

Python Problem Solving | Link

Oct' 23

Responsive Web Design | Free Code Camp | Link

Sep' 23

ACHIEVEMENTS

Solved 250+ coding problems across LeetCode, GFG & HackerRank sharpening my coding skills.

Oct' 25

Analyzed Data Analysis & Dashboard Projects.

Mar' 25

Secured the highest grade 'O' in C, C++ and operation system during my coursework at LPU.

Aug' 24

EDUCATION

Lovely Professional University (LPU)

Punjab, India

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.8

Aug' 23 - Present

Inspiration Senior Secondary School

Uttarakhand, India

Intermediate; Percentage: 82%

Apr' 22 – Mar' 23

Inspiration Senior Secondary School

Uttarakhand, India

Matriculation; Percentage: 88%

Apr' 20 - Mar' 21