

# Harshit Gupta

B.Tech. in Computer Science (Data Science)  
Manipal University Jaipur  
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GitHub Profile

LinkedIn Profile

## EDUCATION

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|---|---|----------------------|
| • <b>Manipal University Jaipur</b>      | <i>B.Tech. in Computer Science (Specialization in Data Science)</i> | <i>Expected 2027</i> |
| • <b>Delhi Public School, Faridabad</b> | <i>All India Senior School Certificate Examination (Class XII)</i>  | <i>2022</i>          |
| • <b>Delhi Public School, Faridabad</b> | <i>Secondary School Examination (Class X)</i>                       | <i>2020</i>          |
|   |   | Faridabad, HR        |

## PERSONAL PROJECTS

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| • <b>TidyBit - DSA Learning Platform</b>   | <i>2025</i> |
| <i>Developed a web-based competitive programming platform for solving Data Structures and Algorithms problems.</i>   |             |
| <ul style="list-style-type: none"><li>– Tools &amp; technologies used: React.js, Node.js, Express, MongoDB</li><li>– Implemented a dynamic problem-solving interface with categorization by difficulty and topic, including Linked Lists, Trees, and Graphs.</li><li>– Integrated a real-time progress tracker and a custom-built dashboard to monitor user performance and submission history.</li></ul>                        |             |
| • <b>Neural Network Image Classification System</b>  | <i>2025</i> |
| <i>Designed and trained a deep learning model to classify images using convolutional architectures.</i>  |             |
| <ul style="list-style-type: none"><li>– Tools &amp; technologies used: Python, TensorFlow, Keras, NumPy</li><li>– Developed a Convolutional Neural Network (CNN) featuring Dropout layers for over-fitting prevention and Softmax activation for multi-class classification.</li><li>– Optimized hyperparameters and implemented data augmentation techniques to improve model generalization and validation accuracy.</li></ul> |             |

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** Java, C++, JavaScript, HTML, CSS

**Developer Tools:** VS Code, Git, GitHub, Chrome DevTools

**Frameworks:** Bootstrap, React

**Cloud/Databases:** MySQL (Basics)

**Soft Skills:** Problem Solving, Time Management, Teamwork, Communication

**Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems

**Areas of Interest:** Web Development, Frontend Development, Problem Solving