

# Harshit Gupta

B.Tech. in Computer Science (Data Science)  
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🐙 [GitHub Profile](#)  
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## EDUCATION

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- **Manipal University Jaipur** Expected 2027  
*B.Tech. in Computer Science (Specialization in Data Science)* Jaipur, RJ
- **Delhi Public School, Faridabad** 2022  
*All India Senior School Certificate Examination (Class XII)* Faridabad, HR
- **Delhi Public School, Faridabad** 2020  
*Secondary School Examination (Class X)* Faridabad, HR

## PERSONAL PROJECTS

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- **TidyBit - DSA Learning Platform** 2025  
*Developed a web-based competitive programming platform for solving Data Structures and Algorithms problems.*
  - Tools & technologies used: React.js, Node.js, Express, MongoDB
  - Implemented a dynamic problem-solving interface with categorization by difficulty and topic, including Linked Lists, Trees, and Graphs.
  - Integrated a real-time progress tracker and a custom-built dashboard to monitor user performance and submission history.
- **Neural Network Image Classification System** 2025  
*Designed and trained a deep learning model to classify images using convolutional architectures.*
  - Tools & technologies used: Python, TensorFlow, Keras, NumPy
  - Developed a Convolutional Neural Network (CNN) featuring Dropout layers for over-fitting prevention and Softmax activation for multi-class classification.
  - Optimized hyperparameters and implemented data augmentation techniques to improve model generalization and validation accuracy.

## 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