

Mohd Hasnain

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DOB: May 11, 2004

Address: Mohan Garden, New Delhi-110059

Education

Indraprastha Institute of Information Technology

B.Tech (Computer Science Engineering) August

2023 – Present

CGPA: 7
(till 4th Semester)

Rajkiya Pratibha Vikas Vidyalaya, Dwarka Sector-10, Delhi

CBSE, Standard 12, PCMB 2022

Percentage:95%

Rajkiya Pratibha Vikas Vidyalaya, Dwarka Sector-10, Delhi

CBSE, Standard 10

2020

Percentage:89%

Skills

Languages

C++, Java, Python, HTML, CSS

Core Concepts

Object Oriented Programming, Data Structures and algorithms, Shell Scripting, Database Management, Dynamic Programming, Graph Algorithms

Libraries & Frameworks

Pandas, NumPy, Matplotlib, Seaborn, Flask, LibGDX, Box2D, C++ STL, Java Collections, Scikit-learn

Tools & Technologies

SQL, Git, GitHub, Linux Command Line, Jupyter Notebooks, Microsoft Excel, VS Code, IntelliJ IDEA, Figma, Fusion360-CAD.

Relevant Coursework/ Electives

Advanced Programming, Database Management Systems, Computer Networks, Operating Systems, Machine Learning, Reinforcement Learning, Big Data Analysis, Algorithm Design and Analysis, Prototyping Interactive Systems, Human Computer Interactions, Computer Organisation, Linear Algebra, Probability and Statistics, and Multivariate Calculus

Currently Exploring

Tensorflow, React, Apache Spark

Projects

[Blood Bank Management System](#)

March – April,24
Team Size - 4

Guide: Dr. Mukesh Mohania, Professor IIIT-Delhi

Developed using Python and the Flask framework with MySQL integration, this web application streamlines blood donation and transfusion processes. The system applies role-based access control and CRUD operations to manage donors, recipients, and administrators efficiently.

[Angry Birds Game Clone](#)

Sep,24 – Dec,24
Team Size - 1

Guide: Dr. Arun Balaji Buduru, Professor IIIT-Delhi

Developed using Java and the LibGDX framework, utilising the Box2D library,
This project incorporated OOP and Design principles while maintaining classic game features.

[Simple Shell in C](#)

Sep,24 – Dec,24

Team Size - 2

Guide: Dr. Vivek Kumar, Professor IIIT-Delhi

Developed a command-line interface for Linux, enabling user interaction, task execution, and session tracking. Implemented inter-process communication methods like signal processing, data streams, and asynchronous operations for enhanced efficiency.

Awards and Achievements

2020: EY Disha & Disha Bright Scholar (*Selected among 70 scholars across Delhi government schools for a scholarship and mentorship program*)

2023: [Swayam Aspire Scholar](#) (*Among 28 meritorious students across India selected for this scholarship and mentorship program*)

Interests and Hobbies

- Problem Solving ([Codeforces](#)/[LeetCode](#))
- Playing Basketball
- Reading Hindi Literature
- Quizzing, Trivia, Puzzles
- Community Teaching (in Local NGO)

Declaration: The above information is correct to the best of my knowledge. Mohd Hasnain

Date: June 25, 2025