

HARDIK JAIN

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∞ GeeksforGeeks

Education

Vellore Institute Of Technology, Bhopal

B.Tech : Computer Science and Engineering

CGPA: 8.0 / 10

Sep 2023 – May 2027

Bhopal, India

Skills

Programming Languages

C, C++, Python, Java, CSS, JavaScript, SQL

CS Fundamentals

Data Structures & Algorithms, DBMS,
Operating Systems, OOPs

Core Competencies

Problem Solving, Basics of Machine Learning,
CNN, Transfer Learning

Libraries

TensorFlow, Keras, NumPy, Pandas,
Matplotlib, MLxtend

Projects

Market Basket Analysis 🔗

- Analyzed customer purchase patterns using association rule mining (**Apriori, FP-Growth**) with **MLxtend**.
- Recommended product bundles to support retail decisions using Python, SQL, and Pandas.

Eye Disease Detection 🔗

- Built a GUI-based eye disease classifier using CNN (**MobileNetV2**) with **82% accuracy** and **81.5% F1-score**.
- Used data augmentation, transfer learning, and Tkinter for real-time interaction.

Sudoku Solver

- Developed a Python program to solve Sudoku puzzles using backtracking algorithms.

Leadership and Extracurriculars

Hackathon Participant-SolVit 🔗

Secured **13th rank** out of several teams in the first round of a college-level hackathon. Collaborated on a real-world problem, developed a prototype within time limits, and gained hands-on experience in teamwork and tech application under pressure.

Mess Head (Jain Mess)

Acted as a bridge between students and mess management. Helped plan weekly menus, collected student feedback, addressed food quality issues, and suggested improvements to enhance overall satisfaction. Successfully represented student concerns and contributed to better mess services.