

# Vimal D

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GitHub: github.com/1Vimal-D

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## Career Objective

Aspiring Software Engineer with a strong foundation in Java, Python, Object-Oriented Programming, and problem-solving. Eager to contribute to real-world software development projects and grow in a dynamic tech-driven environment like Casa Retail AI.

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## Education

### B.E in Mechanical Engineering

KPR Institute Engineering And Technology, Coimbatore.

Graduation Year: 2026

CGPA: 7.38

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## Technical Skills

- **Languages:** Java, Python, C Programming
  - **Concepts:** OOPs, Data Structures, Algorithms
  - **Database:** SQL, DBMS
  - **Tools:** VS Code, Git, Eclipse/IntelliJ
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## Projects

### Student Record Management System (*Java*)

A menu-driven CLI application demonstrating core Java OOP concepts.

- Created a console-based application using Java OOPs principles to manage student data.
- Features: Add, view, search, and delete student records.
- Implemented using classes, ArrayList, constructors, and menu-driven logic.
- GitHub: <https://github.com/1Vimal-D/student-record-manager>

## ToDo CLI App (Python)

A command-line task manager built using Python. Users can add, mark, remove, and view tasks efficiently using a simple terminal interface.

- Developed a command-line based ToDo List application using Python for task management.
  - Features: Add, view, mark as complete, and delete tasks from a persistent list.
  - Utilized file handling, functions, and control structures to build a clean, interactive, and menu-driven interface.
  - GitHub: <https://github.com/1Vimal-D/todo-cli-python>
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## Achievements / Platforms

- Solved 50+ coding problems on HackerRank (Java)
  - 4-Star rating in Python on HackerRank
  - Participated in college-level coding contests
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## Leadership & Extracurriculars

- **Secretary – Ignitrron, Technical Clubhouse**  
Led technical events, organized workshops, and collaborated with teams for club activities in tech and innovation.
  - **Active Member – Various College Clubs**  
Held multiple leadership and support roles across cultural and technical student bodies. Gained hands-on experience in teamwork, planning, and communication.
  - **Graphic Design & Video Editing**  
Skilled in creating event posters, promo videos, and digital content for clubs and college events using tools like Adobe Illustrator , Canva, Premierpro and Clipchamp
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## CERTIFICATIONS

- Fundamentals of Java Programming – Coursera
- Frontend for Java Full Stack Development – Coursera
- Data Structures and Backend with Java – Coursera (*Ongoing*)