

# MONIKA KUMARI

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github <https://github.com/AdventuresMS>

## Objective

Ambitious and detail-oriented Information Technology student with a solid foundation in software development, object-oriented programming, and data structures. Seeking a job to apply and expand my technical skills through real-world projects.

## Education

- JIS COLLEGE OF ENGINEERING Oct.2022- Jun.2026  
(Bachelor of Science in information technology- cumulative CGPA : 7.8)
- 12<sup>th</sup> Standard 2020-2021  
(M.H.S High School, Patna [BSEB]- 69.2%)
- 10<sup>th</sup> Standard 2018-2019  
(Veena Vidya Niketan, Patna [CBSE]- 68.2%)

## Relevant Coursework

Data Structure	Database Management System	Software Engineering	Web Development
Computer Networking	Operating System	Machine Learning	Java

## Projects

- CUREDESK APPOINTMENT BOOKING SITE ( Python )**  
**Tech Stack:** Python, HTML, CSS, CSV (as database).  
CureDesk is a user-friendly doctor appointment booking web application designed to simplify healthcare access. Built using Python and a CSV-based backend, it enables patients to search for doctors, book appointments, receive email notifications, temporary diagnosis expert system and manage their schedules efficiently.
- SHAKTI WOMEN EMPOWERMENT PROJECT [SIH- 2024]**  
Built a web app using **HTML, CSS, and JavaScript** to support women's safety.  
Enabled **real-time location detection** and **one-tap emergency alerts**.  
Displayed **past case data** to inform users about local incidents.  
Included **safety tips and measures** for awareness and prevention.
- JAVA SORTING VISUALIZER**  
Developed a desktop-based Sorting Visualizer using Java and Swing.  
Implemented Sorting: Bubble, Selection, Insertion, Merge, Quick.  
Added real-time animation to visualize comparisons and swaps.  
Designed a modular structure for easy maintenance and scalability.  
Enabled user control over array size and sorting speed through GUI.

## Technical Skill

Languages: Python, Java (OOPS), C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code

## Leadership/ Extracurricular

- Represented the college in **inter-college badminton tournaments**, demonstrating **team spirit, discipline**, and **competitive drive**.



