

# ANIKET KUMAR

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## SUMMARY

Proficient in a broad range of technologies, including Java, JavaScript, MySQL, HTML/CSS. Skilled in independently managing projects and contributing to productive team efforts.

## TECHNICAL SKILLS

Java | JavaScript(Basic) | MySQL | HTML/CSS(Basic) | Object Oriented Programming(OOPs) | Operating System(OS) | Database Management System (DBMS) | Computer Networks (CN)

## EDUCATION

**Vellore Institute of Technology**  
Bachelors of Technology  
Computer Science and Engineering

**Bhopal, Madhya Pradesh**  
**Expected Aug 2025**  
**CGPA: 8.41/10**

**The Pentacostal Assembly School**  
Intermediate  
Aggregate: 78%

**Bokaro, Jharkhand**  
**May 2020**

**St. Thomas School**  
Matriculation  
Aggregate: 88%

**Godda, Jharkhand**  
**April 2018**

## PROFESSIONAL EXPERIENCE

**EduGo (Educational Institute)**  
Member of Founding Team

**Godda, Jharkhand**  
**Mar 2022 – December 2023**

- Taught core subjects to students from Class 6 to 10, focusing on conceptual clarity and exam preparation.
- Managed the overall teaching operations of the institute, including scheduling, curriculum planning, and classroom management.
- Mentored students on both academic and personal growth, fostering a positive and disciplined learning environment.

## PROJECTS

### CPU Process Scheduler

**Jan 2024 - May 2024**

- Implemented a custom CPU Process Scheduler simulating Preemptive and Non-Preemptive scheduling algorithms.
- Calculated and displayed key performance metrics such as Turnaround Time, Waiting Time, and Response Time for each process.
- Applied Gantt chart visualization to depict process execution order for better understanding of CPU scheduling behavior.
- Enabled dynamic input for process attributes (Arrival Time, Burst Time, Priority) to simulate real-time scheduling.
- Documented all scheduling algorithms to facilitate education, and comparative analysis.
- Technology: HTML/CSS, JavaScript

### Linked List Visualizer

**Dec 2024 – Feb 2025**

- Built an interactive visualizer supporting Singly, Doubly, and Circular Linked Lists with Visualization.
- Enabled user input to insert, delete, and reverse nodes dynamically, promoting hands-on understanding of linked list operations.
- Designed a responsive and visually appealing UI using HTML, CSS, and JavaScript for seamless experience across devices.
- Handled edge cases like insertion/deletion at head/tail, empty list scenarios, and circular traversal correctly.
- Implemented node highlighting, error prompts, and node wrapping logic to manage overflow and ensure clear layout.
- Managed DOM manipulation and real-time rendering efficiently using JavaScript to simulate pointer updates and link redirection.
- Technology: Data Structure, HTML/CSS, JavaScript

## ADDITIONAL INFORMATION

- Languages: Fluent in English, Hindi
- TV Shows and Films: A few of my favorite are Games of Throne, Sherlock Holmes, Interstellar.
- Quick Learner and Team Player
- Hobbies: Teaching, Bike Riding, Trekking