RUPAM MODAK

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EDUCATION

National Gems Higher Secondary School

X th Standard: 92% (ICSE)
XII th Standard : 87% (ISC)
2007-2022

Calcutta Institute of Engineering And Management

B.Tech in Computer Science & Engineering
2022 – 2026

SKILLS

- **Languages:** C, Java, Python, Javascript, HTML/CSS.
- **Developer Tools:** VS Code, Git, Github.
- **Libraries/Frameworks:** React JS, Node Js, Mongoose.
- **Database:** Mongo DB.
- **DSA.**

PROJECTS

Portfolio

Github: https://github.com/Mapur2/new_portfolio
Website: https://mapur2.github.io/new_portfolio/
Tech Stack: HTML, CSS, JS

Algorithm Visualizers

It helps us visualize sorting, stack, queue, and graph algorithms.

1) Sorting Visualizer (https://sorting-visualizer-jade-delta.vercel.app/)
   Github: https://github.com/Mapur2/sorting_visualizer

2)Stack Queue Visualizer (https://mapur2.github.io/stack-queue_visualizer/index.html)
   Github: https://github.com/Mapur2/stack-queue_visualizer

3) Graph Traversal Visualizer (https://traverse-viz.vercel.app/)
   Github: https://github.com/Mapur2/traverseViz

Tech Stack: React Js

IPL Search

Users can search and get information about their favourite IPL players. This project showcases my skills in search engine optimization.
GitHub: https://github.com/Mapur2/iplsearch
Project: https://iplsearch.onrender.com/
Tech Stack: NodeJs, MongoDB, Mongoose.

Seaside Hotel Management

The Seaside Hotel Management System is a **Java**-based application featuring a GUI built with AWT, designed for efficient hotel operations. It includes a robust backend powered by Java and MySQL, where the frontend connects to the backend using ServerSocket and Socket for client-server communication. Admins can manage rooms, users, and bookings, while users can search for rooms, book, cancel, and view their current or past reservations. This project demonstrates proficiency in Java programming, socket-based networking, database integration, and GUI development, offering a complete solution for hotel management.
GitHub: https://github.com/Mapur2/java-hotel-mananagement