Battuwar Eshwar

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SKILLS

- **Languages**: C++, Java, Python
- **Frameworks**: HTML, CSS, NodeJS, ReactJS, PHP
- **Databases**: MySQL, MongoDB, PostgreSQL
- **Tools/Platforms**: Git, Eclipse, MongoDB, VS Code
- **Soft Skills**: Problem-Solving, Project Management, Team Player

PROJECTS

Car Rental System: Nov 2024

- Developed a Car Rental System that allows users to browse, book, and manage car rentals seamlessly.
- The system includes essential features such as user registration, login, car listings, booking options (daily, weekly, monthly), and an admin panel for managing cars and bookings.
- Executed an intuitive UI with background images on each page for an engaging user experience
- Implemented a secure authentication system and session management to protect user data, ensuring encrypted communication and secure login..
  Tech: HTML,CSS, Javascript, ReactJS, PHP

Online Book Store: Apr 2024

- Enhanced an interactive Online Book Store that enables users to browse, search, and purchase books seamlessly.
- Applied a clean and intuitive UI with background images on each page to create an engaging user experience.
- Expanded the frontend using HTML, CSS, and JavaScript, ensuring a dynamic and responsive interface.
- Integrated MongoDB to manage book inventory efficiently, implementing indexing techniques for faster search operations and ensuring seamless real-time updates for book availability.
  Tech: HTML, CSS, Javascript and MongoDB

Magic Square: Nov 2022

- Improved a Magic Square algorithm to generate and solve magic squares, where the sum of numbers in each row, column, and diagonal is constant.
- Enforced a solution to handle different-sized magic squares efficiently and tested the algorithm with various configurations.
- Focused on algorithm optimization by implementing a backtracking approach, ensuring efficient computation even for larger grid sizes while maintaining accuracy and performance.
- Optimized the performance of the algorithm by fine-tuning the logic, reducing time complexity, and ensuring scalability for larger grids.
  Tech: Python

CERTIFICATES

- Building Web Applications in PHP (Coursera) — Nov 2024
- Data Structures and Algorithms using C++ (Cipherschools) — Jun 2024
- Mastering Data Structures and algorithms using c++ (Udemy) — May 2024
- HTML, CSS, and Javascript for Web Developer (Coursera) — Apr 2024
- Server side JavaScript with Node.js (Coursera) — Apr 2024
- SQL for Data Science (Great Learning) — Apr 2022

ACHIEVEMENTS

- **Won Bronze Medal in Mathematics Olympiad:** Nov 2018

  Participated in IMO(International Mathematics Olympiad) and secured Bronze Medal.

EDUCATION

- **Lovely Professional University** — Punjab, India
  Bachelor of Technology - Computer Science and Engineering; **CGPA:** 6.57 — Since Aug 2022

- **Narayana Junior College** — Madhapur, Hyderabad
  Intermediate; **Percentage:** 88.7% — Jun 2020 - Mar 2022

- **Narayana High School** — Patancheruvu, Hyderabad
  Matriculation; **Percentage:** 100% — Apr 2019 - Mar 2020