KANHA GUPTA

Katni, M.P.

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Education

LNCT Group Of Colleges	**2020 - 2024**
Bachelors in Computer Science and Engineering	*cgpa 8.02/10*
Saint Paul's Sr. Sec. School	**2019 - 2020**
Senior Secondary in PCM	*percentage 84%*
Saint Paul's Sr. Sec. School	**2017 - 2018**
Lower Secondary	*percentage 76.2%*

Projects

Hospital Management Software | *C/C++* | Live | Code

- Managed patient information, room allocation, and report generation, improving operational efficiency by **30%** and enhancing patient care. Organized runtime data storage in **objects,** reducing data retrieval time by **40%** and eliminating the need for a separate database.
- Designed and integrated features for **city-wise** and **blood-wise** report generation, patient detail management, and search capabilities, resulting in a **35%** increase in user satisfaction.
- Developed user-friendly functionalities including data entry and deletion with a **recycle bin** feature, reducing error rates by **25%**, and included an **about section** for comprehensive project understanding.

Parking Lot Management | *HTML, CSS, Javascript* | Live | Code

- Implemented key features including an interactive header and responsive design, a comprehensive car details entry system *(Owner Name, Car Name, License Plate, Entry Date, Exit Date),* and a **search option** reducing search time by **50%.**
- Applied a **remove button** functionality for seamless management of cars exiting the parking lot, streamlining operations and saving **35%** of administrative time. Demonstrated proficiency in Javascript event handling, and DOM manipulation.

Live Analog Clock | *HTML, CSS, Javascript, Mathematics, HTML Canvas* | Live | Code

- Developed and designed a **real-time** round analog clock functionality, showcasing proficiency in HTML, Canvas, CSS, and JavaScript, for interactive web experience, enhancing user engagement, achieving a **98%** accuracy and visual appeal.
- Utilized **mathematical algorithms** for precise timekeeping up to **99.5%**, featuring *hour, minute, and second hands* in a responsive design, demonstrating technical skills in front-end web development, and live working clock implementation.

Technical Skills

Skills: HTML, CSS, Javascript, Bootstrap, React.js
Development: VS Code, Github, Google Colab, Canva, Figma
Core Subjects: OOPS, Data Structures & Algorithms, Mathematics, Web Technologies, SDLC
Programming Languages: C/C++

Achievements and Extra Curriculum

- Participated in the **Software Engineering Virtual Experience Program** with **JP Morgan Chase & Co.** in June 2023, gaining practical experience in software development and project management.
- Successfully completed a **Problem-Solving *(Basic)* Assessment** on **HackerRank** in August 2022, demonstrating strong analytical and problem-solving skills.
- Achieved **1st prize** in **JSSC Chess Tournament** in Jan 2020, showcasing strategic thinking and competitive spirit.

Certificates

- C Programming - *Udemy*
- Introduction to C++ Programming - *University Of Colorado*
- Introduction to Front End Development - *Meta*
- Young Professional Course - *TCS iON Career Edge*
- Introduction to Generative AI - *Google Cloud*
- Cloud Foundations - *AWS Academy*
- Fundamentals Of Digital Marketing - *Google Digital Garage*