

KANHA GUPTA

Katni, Madhya Pradesh



Linkedin



Github



Portfolio

Technical Skills

Programming Languages: C/C++, SQL, Python

Skills: HTML, CSS, Javascript, Tailwind CSS, Bootstrap, React.js, JSX

Development: VS Code, MySQL, Github, Google Colab, Jupyter Notebook, Streamlit

Core Subjects: OOPS, Data Structures & Algorithms, Machine Learning, SDLC, Web Technologies, Mathematics

Education

LNCT Group Of Colleges, Bhopal

Bachelors in Computer Science and Engineering

2020 - 2024

cgpa: 8.02/10

Saint Paul's Sr. Sec. School, Katni

Higher Secondary in PCM

2019 - 2020

percentage: 84%

Saint Paul's Sr. Sec. School, Katni

Lower Secondary

2017 - 2018

percentage: 76.2%

Projects

T20I Cricket Score Predictor | *ML, Python, Google Colab, Streamlit* | Live | Code

- Developed a **predictive model** with an **R2 score of 0.98**, using a dataset of **64,000 entries**.
- Designed the model to accept six inputs: **batting team, bowling team, current score, overs done, wickets out, and last five-over runs**, processing data in **milliseconds**.
- Enhanced user experience with **real-time** score prediction (*under 2 seconds*) and more than **95% accuracy**, through **data preprocessing** resulting in a **15% improvement** in prediction accuracy.

Fifteen Puzzle Game | *React.js, Tailwind CSS, JSX* | Live | Code

- Implemented efficient state management with **React Hooks**, ensuring smooth user interactions and UI updates, enhancing performance metrics by **25%**.
- Integrated game logic for **tile shuffling, movement validation, and win condition checks**, with **user feedback mechanisms** providing a challenging and engaging puzzle-solving experience
- Designed a responsive and visually appealing interface with **Tailwind CSS** to enhance user experience by **30%**.

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

- Managed patient information and room allocation, enhancing operational efficiency by **30%**.
- Implemented runtime data storage in **objects** (*no need for separate database*), reducing data retrieval time by **25%**.
- Integrated features like **city-wise** and **blood-wise** report generation, increasing user satisfaction by **35%**.
- 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.

Coding Profiles

- GeeksForGeeks
- HackerRank
- Leetcode

Achievements and Extra Curriculum

- Earned a **Front End Engineer Certificate** in May 2024 for successfully completing the **Front End Engineer Test by Pro5**, ranking in the **top 5%** of professionals, showcasing expertise in React.js and front-end technologies. (*Link*)
- 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.
- Achieved a **top 10** position among **50 submissions** as part of team **Web Wizard** in **CODEBITE 2k23**, a state-level **Web Development Hackathon** by **Sheryians Coding School** in February 2023 at **SIRT College, Bhopal**. (*Link*)
- Achieved **1st prize** in **JSSC Chess Tournament** in January 2020, showcasing strategic thinking and competitive spirit.

Certificates

- Young Professional Course - *TCS iON Career Edge*
- Introduction to Front-End Development - *Meta*
- Database Management System - *Infosys Springboard*
- Introduction to Generative AI - *Google Cloud*
- Cloud Foundations - *AWS Academy*