

Kunal Marmat

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EDUCATION :

Github Link : <https://github.com/Kmarmat>

Indian Institute of Information Technology

Bachelor of Technology in Computer Science Engineering

Jabalpur, India

Nov 2021 - May 2025

RESUME SUMMERY :

Dedicated and organized Computer Science Engineering student seeking to gain first professional work experience. Responsible individual with a keen interest in applying theoretical knowledge to practical applications. Eager to contribute and grow in a dynamic work environment.

SKILLS :

- Web Development
 - Data Analyst
 - Android Development
 - DSA
 - Machine Learning
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- **Languages:** C, C++, Python, JavaScript, HTML, Java
 - **Frameworks:** ReactJS, NodeJS
 - **Tools:** Git, GitHub, VS Code, MongoDB, Excel, SQL, Power BI, Excel
 - **Soft Skills:** Communication, Strategic Thinking, Planning, Team Management

PROJECTS :

- **Full Stack Online Examination System :**

Developed a comprehensive Online Examination System as part of a team project. Designed and implemented the frontend using HTML and CSS to ensure a user-friendly interface. Integrated PHP for database management and SQL for efficient backend operations, ensuring secure and seamless data handling. This project showcased proficiency in full stack development, encompassing frontend design, backend functionality, and database management to deliver a robust online platform for conducting examinations.

- **Py game Visual Graphics Generation :**

Implemented a visual graphics generation project using Pygame with Python as the primary coding language. Developed interactive and visually appealing graphics through Pygame's libraries, demonstrating proficiency in Python for both frontend visualizations and backend logic. This project highlighted skills in game development, including event handling, animation, and user interface design, leveraging Pygame's capabilities to create engaging graphical applications.

- **Time Management Application :**

Developed a comprehensive Time Management application using Java and Kotlin for Android frontend development, and React with Node.js for web frontend and backend implementation. Integrated Firebase to manage backend functionalities including real-time database operations and user authentication. Ensured seamless synchronization of data across platforms to enhance productivity and organizational capabilities.

- **Alma Website Development :**

Designed and developed a responsive website for a new startup using React. Implemented modern UI/UX principles to create a user-friendly interface. Collaborated closely with stakeholders to ensure the website met business goals and brand identity. Integrated functionalities to enhance user engagement and optimize performance.

- **Working on college academic android Project "Fusion" :**

Currently involved in the development of "Fusion," an Android project for college. Contributing to the design and implementation of features aimed at enhancing user experience and functionality. Collaborating within a team to ensure project milestones are met and aligning with project objectives. Gaining hands-on experience in Android development, problem-solving, and teamwork.

- **Machine Learning Project: Cutting Tool Remaining Useful Life (RUL) Prediction**

Led a project focused on predicting the Remaining Useful Life (RUL) of cutting tools using machine learning techniques. Implemented classification models including Support Vector Machines (SVM), K-Nearest Neighbors (KNN), and Gaussian Naive Bayes (GNB) to classify tool conditions. Additionally, applied regression models such as Convolutional Neural Networks (CNN), Long Short-Term Memory networks (LSTM), and Light GBM for accurate RUL estimation. Analyzed and compared model performances to optimize predictive accuracy and reliability. Developed insights into tool maintenance scheduling and operational efficiency through data-driven approaches.

- **Rohit Sharama Career Statistics Analysis Dash Board (Data Analytics) :**

Making a user friendly data analysis dashboard based on rohit sharma career statistics of Test , ODI and T20I Cricket format and year wise innings with help of Google sheets ,Excel, Power BI and data analytics concept .

VOLUNTEER EXPERIENCE :

- Member of Music Group of our college "Saaz"
- Participate in social survey of the backward villages across Jabalpur under the DM (District magistrate) of Jabalpur.
- Member of literary club of our college "Samwaad" and play role of poet for the theme of social welfare and social awareness.
- Member of the placement cell student committee of our college.
- Member of Jagrati club which provide education and guidance to the backward students of nearby villages of Jabalpur
- Awarded by Direct General of Police (DGP) of the Madhya Pradesh for the excellent performance in Education on behalf of the police department.