Mritunjay Kumar Rai

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SKILLS

- **Languages**:   C++, Java, Python, C
- **Development**:   HTML, CSS, MySQL, DBMS
- **Other Skill**:   Data Structures & Algorithms (DSA), Competitive Coding, Object Oriented Programming
- **Soft Skills**:   Problem-Solving Skills, Adaptability, Strategic Thinking

TRAINING

- **Complete Machine Learning & Data Science| Geeks for Geeks**   May 2024 - Oct 2024
  SixthSense is a conceptual mobile application designed to empower visually impaired individuals by offering enhanced navigation and real-time object recognition. The app leverages advanced machine learning algorithms to identify objects in the user's surroundings, providing detailed audio feedback for improved situational awareness. Integrated GPS tracking offers turn-by-turn navigation, ensuring safe and efficient movement through unfamiliar environments

PROJECTS

- **Sixth Sense:**   Feb 2024 - Nov 2024
  Sixth Sense is a conceptual mobile application designed to empower visually impaired individuals by offering enhanced navigation and real-time object recognition. The app leverages advanced machine learning algorithms to identify objects in the user's surroundings, providing detailed audio feedback for improved situational awareness. Integrated GPS tracking offers turn-by-turn navigation, ensuring safe and efficient movement through unfamiliar environments.
  Develop and train machine learning models for object recognition
  Implemented and optimized the real-time object detection system
  Tech: TensorFlow, PyTorch, Keras

- **Titanic Survival Classification:**   June 2024 - July 2024
  The project analyzes the factors that influenced passenger survival during the RMS Titanic disaster. Using machine learning and data analysis, this project identifies patterns and groups most likely to survive, such as women, children, and passengers in higher-class cabins
  Various classifiers (e.g., Logistic Regression, Decision Trees) to predict survival probabilities, Data Visualization
  Data Cleaning, Feature Engineering, Model Training and Evaluation.
  Tech: NumPy, Pandas, Jupyter Notebook

CERTIFICATES

- Deep Learning by NPTEL   November 2024
- Complete Machine Learning and Data Science   November 2024
- Generative AI with Large Language Models by DeepLearning.AI   March 2024
- Prompt Engineering for ChatGPT by Vanderbilt University   February 2024
- Introduction to Generative AI by Google Cloud   January 2024
- R Programming   April 2024
- Supervised Machine Learning   November 2024

ACHIEVEMENTS

- **Solved 500+ Questions on Various Platforms**:   April 2025
  Earned 3 badges from LeetCode and 5 from Naukri for solving algorithmic challenges

- **Pupil title on Codeforces**:   September 2024
  Achieved 1200+ rating on codeforces after various contest

EDUCATION

- **Lovely Professional University**   Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.56***   *August 2022 – May 2026*

- **S.T. John's School**   Ghazipur, U.P.
  *Intermediate; **Percentage: 90%***   *April 2019 - March 2021*

- **S.T. John's School**   Ghazipur, U.P.
  *Matriculation; **Percentage: 89%***   *April 2018 - March 2019*