



Kummandas Meena

Roll No.: 24215011106

MTech

Artificial intelligence(CSE)

National Institute of Technology Bhopal

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

- **National Institute of Technology Bhopal** 2024-Present
MTech in Artificial Intelligence(CSE)
- **Indian Institute of Information Technology, Kota** 2020 - 2024
BTech Computer science and engineering CGPA: 7.33
- **Ramkrishna academy** 2020
Board of Intermediate Education, Rajasthan Percentage: 89.20

PERSONAL PROJECTS

- **Grasp-and-Lift Detection from EEG Signal** Jan 2023 - Dec 2024
Developed an EEG-based automated method for detecting hand movement activity
 - Implemented Wavelet Transformation and denoising filters for preprocessing, along with CNN and LSTM models for end-to-end detection
 - Utilized publicly available WAY-EEG-GAL dataset for experiments Expertise in multi-label classification techniques, showcasing proficiency across multiple labels
- **Sorting Visualizer App** Jan 2023 - May 2023
Developed a web-based sorting algorithm visualization tool using HTML, CSS, JavaScript and React. demo
 - Implemented popular sorting algorithms including Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, Quick Sort, and Heap Sort.
 - Designed an intuitive user interface for real-time visualization of sorting algorithms, enhancing understanding and learning , developed and deployed a dynamic web application using React.
- **Personal Portfolio App** demo
- **Multi-class image classification**
Implemented a multi-class image classification model using convolutional neural networks (CNNs) in Python.

TECHNICAL SKILLS

Programming Skills:: Proficient in C/C++, Python, HTML, CSS, SQL, and JavaScript. Familiar with React.js.

Developer Tools: Experienced in using VS Code, GitHub, Jupyter Notebook, Google Colab, git, and MySQL.

CS Subjects : Strong grasp of Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, and Database Management Systems.

Areas of Interest: Interested in software engineering, web development, and exploring advanced technologies like machine learning, deep learning, computer vision, and blockchain for systematic problem-solving.

EXPERIENCE

- **Artificial Intelligence training and internship(SkillVertex)** Certificate
 - Demonstrated proficiency in machine learning, deep learning, and knowledge of convolutional neural networks (CNNs) for image recognition tasks.
 - Utilized Python libraries such as TensorFlow or PyTorch for implementing deep learning models.
 - Developed projects involving CNNs for tasks such as image classification, object detection, and NLP
- **Web App Developer Intern at Inventrom Private Limited – Bolt IoT** Certificate
 - Learned HTML, CSS, and JavaScript for web development. Collaborated on React.js projects. Implemented various web applications.

ACHIEVEMENTS

- **1st Rank on GeeksforGeeks among All Time College Students(1000+ Students)** geeksforgeeks
- **Demonstrated proficiency in DSA by solving more than 1000 problems (3.5 star)** leetcode
- **Completed various courses and earned certificates on CodingNinjas.** CodingNinjas

EXTRA CURRICULAR ACTIVITES

- **Core member** Core member of EBSB club from 2021 to 2023, contributing to cultural and social initiatives. 2021 - 2023
- **Hobbies :-** Book Reading ,Music , Cricket , kabbaddi,