



**Kummandas Meena**

Roll No.: 24215011106

MTech

Artificial intelligence(CSE)

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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 2023  
*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 with OneVsRest with SGD for robust performance 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
  - Developed a comprehensive hotel management system using MySQL ,OOPS,HTML and CSS
  - 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 ACTIVITIES

- **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,