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 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 across multiple labels

- **Sorting Visualizer App** — *Jan 2024 - 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 such as 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

- **Demonstrated proficiency in DSA by solving more than 500 problems (3.5 star)** — *leedcode*
- **Completed various courses and earned certificates on CodingNinjas.** — *CodingNinjas*
- **1st Rank on GeeksforGeeks among All Time College Students(1000+ Students)** — *geeksforgeeks*

EXTRA CURRICULAR ACTIVITES

- **Core member** Core member of EBSB club , contributing to cultural and social initiatives. — *2021 - 2024*
- **Hobbies :-** Book Reading ,Music , Cricket , kabbaddi