L.Mohammed Inayath

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Education

B.E in Computer science and engineering **2020 - 2023**
Ballari Institute of Technology & Management (BITM), VTU University *CGPA: 7.4/10*

Diploma in Computer science and engineering **2017 – 2020**
SES Polytechnic, Directorate of Technical Education (DTE) *CGPA: 7.16/10*

Technical Skills

Python | HTML | CSS | JavaScript |React.js |Tailwind CSS| C |GIT | GitHub |

Professional Experience

Web Developer Intern in Emertxe Information Technologies **Sep 2023 - Present**

- Developed and maintained responsive web pages using JavaScript, HTML, and CSS, enhancing user experience and engagement.
- Collaborated with senior developers to design and implement front-end features, ensuring alignment with project requirements and client expectations.
- Optimized web performance by debugging and refining JavaScript code, reducing load times, and improving overall site efficiency.
- Implemented dynamic functionalities, such as interactive forms and real-time data updates, using JavaScript to enhance site interactivity.

Web Developer Intern in QSpiders CampusConnect **Feb 2023 – Mar 2023**

- Trained extensively in web development technologies including HTML, CSS, JavaScript, and React.js.
- Developed static web pages using HTML and gained basic knowledge of CSS properties such as background, borders, box model, and positioning.
- Implemented dynamic functionalities in web pages using JavaScript, with a strong understanding of data types, operators, looping statements, and conditional rendering.
- Displayed a strong aptitude for logical programming, effectively connecting HTML elements through selectors, and creating responsive and interactive web pages.

Projects

Inverted Search Engine **2024**

- Implemented an inverted search engine using C, capable of indexing and searching through text files efficiently.
- Designed and developed a multi-level data structure involving linked lists and hash tables for efficient data storage and retrieval.
- Created functions to read and validate input files, create and update a searchable database, and perform search operations on indexed data.
- Developed a user-friendly command-line interface with options to create, print, search, save, and update the database.
- Handled file input/output operations to save and load database states, enabling persistent storage of indexed data.
- Enhanced error handling mechanisms to manage unsuccessful database operations and provide meaningful feedback to the user.

Digital LSB Steganography **2024**

- Implemented Digital Least Significant Bit (LSB) steganography technique to hide secret messages within digital images.
- Embedded data by modifying the least significant bits of image pixels, achieving a balance between imperceptibility and hiding capacity.

Bird Sound Recognition Model Based on Deep Learning Methodology. **2023**

- Developed a Convolutional Neural Network (CNN) model to classify bird sounds from audio recordings.
- Implemented techniques like data pre-processing, feature extraction, and model training for efficient bird species recognition.
- Deep Learning (CNNs)
- Machine Learning
- Audio Processing