

# Mithun R

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Proficient in foundational programming languages such as Python, C, C++, and Java, with hands-on experience in web development using HTML, CSS, and JavaScript. Actively expanding my expertise by mastering essential tools like Git for version control, basic SQL for data management, and responsive design frameworks (e.g., Bootstrap) to create dynamic user interfaces.

## TECHNICAL SKILLS

- Git & GitHub
- MERN Stack (in progress)
- Operating System
- AI tools
- SQL
- Python, C, C++, Java
- Computer Networks
- Prompt Engineering
- HTML, CSS, JavaScript
- Project Management
- API integration
- Research Methodology

## PROJECTS

### Multilingual Speech & Text Converter | HTML, CSS, JS | [GitHub](#) [Live Demo](#)

- Built a real-time system for speech-to-text, text-to-speech, and language translation to enhance accessibility.
- Integrated AI-driven models to improve accuracy in speech recognition and text synthesis.
- Enabled multilingual support for seamless communication across different languages.
- Designed an intuitive user interface for easy interaction and quick translations.
- Optimized processing speed to deliver fast and accurate results in real time.

### Algorithm Sorting Challenge | HTML, CSS, JS | [GitHub](#) [Live Demo](#)

- Developed an interactive platform to visualize and compare different sorting algorithms.
- Implemented multiple sorting techniques, including Bubble Sort, Quick Sort, and Merge Sort.
- Provided real-time execution speed comparison to help users understand algorithm efficiency.
- Designed an engaging challenge mode to test and improve problem-solving skills.
- Optimized performance to ensure smooth execution and accurate visual representation.

### AI-Powered Quiz Generator | HTML, CSS, JS | [GitHub](#) [Live Demo](#)

- Created an AI-driven system that automates quiz generation for educational purposes.
- Utilized natural language processing (NLP) to generate relevant and adaptive quiz questions.
- Allowed users to customize quiz formats based on difficulty levels and topics.
- Streamlined content creation by reducing manual effort in question formulation.
- Ensured structured quiz output with intelligent formatting for better readability.

### Advanced PDF Analyzer | HTML, CSS, JS | [GitHub](#) [Live Demo](#)

- Developed a powerful tool that uses AI to extract insights and analyze PDF documents with multiple processing options.
- Implemented seamless PDF upload functionality with drag-and-drop interface and real-time processing feedback.
- Created versatile analysis modes including summarization, key point extraction, sentiment analysis, and entity recognition.
- Designed a fully responsive interface that works flawlessly across desktop and mobile devices.

## EDUCATION

### Bachelor of Engineering in Information Science

09/2022 – ongoing

Nagarjuna College of Engineering and Technology (Current CGPA : 8.83)

10<sup>th</sup> / X : New Baldwin International School(94.42%) 12<sup>th</sup> / XII: New Baldwin PU College (89.5%)

## ACHIEVEMENTS

- Hackathon Winner : Won 1<sup>st</sup> prize in Sai Vidya Institute of Technology |
- Ideathon Winner : Won 3<sup>rd</sup> place in Inter-Department Ideathon conducted in Nagarjuna College of Engineering

## CERTIFICATIONS

[Computer Vision](#) | [Ms Excel](#) | [MERN](#) | [Jira](#)