

# RUBEN SHAILESH MUKKIRWAR

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<https://github.com/RUBENmukkirwar>

## ABOUT

**My name is Ruben Shailesh Mukkirwar, and I am currently a 4th-year student at VIT Vellore.**

Explored various applications of Artificial Intelligence and Machine Learning and demonstrated dedication to expanding expertise in Artificial Intelligence, web development, and cybersecurity.

## EDUCATION

**Vellore Institute of Technology**

B-tech - **CGPA – 8.02**

**07 2021 –**

Vellore, India

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Database Management System (DBMS)
- Artificial Intelligence
- Network Security
- OOPS Concept

## PROJECTS

### Handwritten Text Recognition Application | Python, Tkinter, OpenCV, Tesseract OCR

- Developed a Python-based GUI application for recognizing handwritten text using Tkinter and Tesseract OCR which allows user to Upload Image, extract text and convert it into pdf.
- Implemented robust file access checking to ensure image files are readable and accessible.
- Enhanced text recognition accuracy through preprocessing steps.
- Provided a user-friendly interface with progress indication and error handling.

### Shooter Game / HTML5 Canvas, JavaScript

- Created a browser-based game using HTML5 Canvas and JavaScript, featuring real-time player, projectile, and enemy interactions.
- Designed a responsive game interface with real-time object rendering and interaction, handling up to 50 dynamic game elements simultaneously.
- Enhanced user experience with smooth animations, real-time collision detection, and interactive gameplay mechanics.

### Weather Web Page / HTML5, CSS3, Javascript, WeatherAPI

- Developed a weather application that provides real-time weather information including temperature, weather conditions, and feels-like temperature based on the user's geolocation.
- Utilized the browser's geolocation API to determine user coordinates with an accuracy of approximately  $\pm 10$  meters.
- Successfully retrieves current location in 3-5 seconds under normal conditions.
- Ensured smooth user experience with responsive design and effective error handling.

## INTERNSHIP

### **Miracle Solutions**

**06 2024 – 07 2024**

#### Intern

Vile Parle, Mumbai, India

- Assisted in developing responsive websites using HTML, CSS, and JavaScript, improving user experience for 10+ client projects.
- Collaborated on WordPress website development, customizing themes and plugins to meet specific client requirements.
- Participated in client meetings, enhancing communication and project management skills.

### **AltiusTech Health**

**06 2024 – 07 2024**

#### Intern

Mahape, Navi Mumbai, India

- Assisted in managing and optimizing virtualization environments using Hyper-V and VMware, improving system performance by 15%.
- Collaborated with senior IT staff to implement and troubleshoot healthcare-specific software solutions.
- Gained hands-on experience with healthcare IT compliance and security protocols.

## TECHNICAL SKILLS

**Languages:** Python, Java, C, C++, JavaScript, SQL, HTML, CSS

**Developer Tools:** VS Code, Jupiter Notebook

**Technologies/Frameworks:** Linux, GitHub

## CERTIFICATIONS

- Azure Administrator Associate - Microsoft
- GOOGLE CLOUD COMPUTING FOUNDATIONS - Google
- Introduction to Deep Learning and Neural Networks with Keras – IBM
- Advanced Computer Vision with TensorFlow -DeepLearning.AI
- Cloud
- Cloud
- Deep learning
- Computer Vision