

RAGHAVENDRA RAKESH

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CAREER SUMMARY

A motivated and detail-oriented student in Computer Science and Technology with a focus on DevOps. Skilled in Python, DevOps tools, web development, and cloud computing. Experienced in developing innovative IoT-based projects. Committed to continuous learning and growth in the field of software engineering.

EDUCATION

B.TECH. COMPUTER SCIENCE AND TECHNOLOGY (DEVOPS)	
PRESIDENCY UNIVERSITY	2021-2025
PUC(PCMC)	
MES PU COLLEGE	2019-2021
10TH	
RAMAIAH VIDYANIKETAN	2018-2019

TECHNICAL SKILLS

- Java(Basics)
- Python(Intermediate)
- HTML
- MySQL

PROJECTS

- **VEHICLE ACCIDENT DETECTION SYSTEM USING RASPBERRY PI**
The project aims to develop an automatic vehicle accident detection and alert system using GSM, GPS, and a PI Pico microcontroller. It will use sensors to detect accidents, such as collisions or vehicle tilting. Upon detecting an accident, the system will automatically send the vehicle's location to emergency services, allowing for faster response and potentially saving lives.
- **IOT WATER LEVEL MONITORING WITH AUTOMATIC POWER SWITCH**
This IoT-based project aims to prevent water wastage caused by overflowing water tanks. Using a float sensor, the system monitors the water level in real-time. When the tank reaches its maximum level, it automatically turns off the power supply to the pump and sends a notification to the owner's mobile phone via a GSM module.
- **DRIVER ALERTNESS DETECTION USING RASPBERRY PI**
Using image recognition concepts, it detects the driver fatigue and intoxication of alcohol using a camera and alcohol sensor connected to the Raspberry Pi and alerts the driver.

MINI PROJECT:

- **Movie Seat Booking:**
Display a layout of the seats in the theater (e.g., rows of seats in a grid format).
Allow users to select and deselect seats by clicking on them.
Mark seats as available, booked, or unavailable using different colors.
Show the total price based on the number of selected seats.
* Tools: HTML, CSS & JAVASCRIPT.

CERTIFICATES

DevOps basic
HTML and CSS basics