

UMA SHANKAR

FULL STACK DEVELOPER



ABOUT ME

I'M UMASHANKAR, A SECOND-YEAR COMPUTER SCIENCE AND ENGINEERING STUDENT SPECIALIZING IN THE INTERNET OF THINGS (IoT). PASSIONATE ABOUT BRIDGING THE GAP BETWEEN THE DIGITAL AND PHYSICAL WORLDS, AM DEVELOPING SKILLS IN EMBEDDED SYSTEMS, PROGRAMMING, AND SMART TECHNOLOGIES. I ENJOY WORKING ON IoT PROJECTS AND SOVING REAL-WORID PROBLEMS USING INNOVATIVE SOLUTIONS. AM EAGER TO EXPLORE INTERNSHIP OPPORTUNITIES TO GAIN HANDS-ON EXPERIENCE IN IoT AND EXPAND MY TECHNICAL KNOWLEDGE. ALWAYS OPEN TO CONNECTING WITH PROFESSIONALS AND MENTORS TO LEARN AND GROW IN THE TECH SPACE

SKILLS:

PROJECT MANAGEMENT SKILLS	90%
CREATIVITY	87%
WEB DEVELOPMENT	95%
CRITICAL THINKING	84%
LEADERSHIP	92%

EDUCATION:

2023-2027

NANDHA ENGINEERING COLLEGE. I AM SECOND-YEAR B.E COMPUTER SCIENCE AND ENGINEERING (IoT). PASSIONATE ABOUT THE INTERNET OF THINGS.

LANGUAGE:

ENGLISH TAMIL HINDI



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ACHIEVEMENTS:

D-MEET:

- **OVERVIEW:** DEVELOPED DMEET, AN INNOVATIVE ONLINE MEETING APPLICATION FEATURING SCREEN RECORDING, LATENCY MONITORING, AND ENHANCED COLLABORATION TOOLS.
- **KEY FEATURES:**
 - **SCREEN RECORDING:** ENABLED USERS TO RECORD MEETINGS FOR LATER REFERENCE AND SHARING.
 - **LATENCY TRACKING:** INTEGRATED REAL-TIME LATENCY TRACKING TO ENSURE SMOOTH COMMUNICATION AND OPTIMIZE MEETING QUALITY.
 - **USER EXPERIENCE:** FOCUSED ON A SEAMLESS, INTUITIVE INTERFACE WITH LOW-LATENCY PERFORMANCE FOR EFFICIENT VIRTUAL MEETINGS.
- **ACHIEVEMENTS:**

WINNER OF HACKAPLOOZA '24 FOR DEMONSTRATING THE ABILITY TO DELIVER IMPACTFUL, REAL-TIME SOLUTIONS UNDER COMPETITIVE CONDITIONS.

SHOWCASED PROFICIENCY IN FULL-STACK DEVELOPMENT, REAL-TIME DATA PROCESSING, AND PERFORMANCE OPTIMIZATION.

PROJECTS:

- 1.FACE EMOTION RECOGNITION USING PYTHON.
- 2.D-MEET(ONLINE MEETING APP)
- 3.GAS LEAKAGE DETECTION USING ARDUINO

SKILLS SUMMARY:

PROGRAMMING LANGUAGES: PYTHON,C,C++,
JAVA

IoT TECHNOLOGIES: ARDUINO, RASPBERRY
PI,EMBEDDED SYSTEMS

NETWORKING & COMMUNICATION PROTOCOLS:
MQTT, HTTP, BLUETBOTH, ZIGBEE

TOOLS & FRAMEWORKS: IoT CLOUD PLATORMS
(THING SPEAK,BLYNK),
NODE-RED