Chetan Girigouda

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EDUCATION

Bachelor of Engineering, ECE	Jain college of engineering, Belagavi	7.57/10 CGPA, 2021-25
12th Pre-University	Excellent science PU college, Vijaypur	78.66%, 2021
10th STATE BOARD	Royal education society's school, athani	71.36%, 2019

Internship

1. **Nex-G Automation LLP , Hubli.** **(17th,Feb 2025 -15th,May 2025)**
   - Worked on HMI development using NEXTION Model NX8048P070-011C-Y. Designed and implemented touchscreens interfaces for industrial applications.
   - Integrated NEXTION EDITOR with microcontrollers for seamless communication. Optimized UI and data visualization for better user interaction.
2. **COMEDKares Innovation Hub, Belagavi**. **(25th,Oct 2023 - 23rd,Nov 2023)**
   - Basics of FIGMA and ONSHAPE 3D.
   - Collaborated with functional teams to develop an Project 'Radar system using Arduino'
3. **Jain College of Engineering, Belagavi** **(1st, Oct 2022 - 31st,Oct 2022)**
   - Arduino Programming.
   - Introduction to IOT using RASPBERRY Pi

Projects

Coal Mine Safety Monitoring And Alerting System With Smart Helmet. | LINK **[Oct,2024]-[Dec,2024]**
The Coal Mine Safety Monitoring and Alerting System with Smart Helmet is an innovative project designed to enhance the safety of miners working in hazardous underground environments. The system integrates various IoT sensors into a smart helmet to monitor critical environmental parameters such as gas concentrations (e.g., methane, carbon monoxide), temperature and humidity.

Temperature Based Fan Speed Control Using Arduino. | LINK **[Apr,2023]-[Jul,2024]**
Designed and Implemented a Temperature-based Fan speed Control system using Arduino, Where the fan speed automatically adjust according to the room temperature readings. It is Utilized to Optimize fan performance and energy efficiency.

Radar System Using Arduino. | LINK **[Oct,2023]-[Nov,2023]**
Designed a RADAR system using Arduino to detect and display object distance and angle. Integrated ultrasonic sensors and servo **motors** to achieve real-time scanning and object Tracking.

Skills

- PCB Designing
- Cadence Virtuouso (Academic course)

Programming Skills
- Python Programming.
- Basics of C.
- HTML and CSS

Certification

- Intro to programming and Python Programming by Kaggle.
- Certifications given by Comedkares innovation Hub for attending workshops and Completing internship.
- PCB designing given by IEEE.
- C Programming for Embedded Applications by Linkedin Learning.