B VIKAS
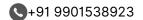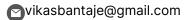
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SUMMARY

I am B Vikas currently pursuing degree in Electronics and communication Engineering. I am passionate about technology and eager to learn more and apply my skills in real-life application. My strong fundamental along with my problem solving abilities, makes me a valuable candidate for your team.

PROJECTS

IoT based LPG Leakage Detection   **Mar 2023 - Aug 2023**
- Integrated Smart Alert Mechanisms for Gas Leak Detection.
- Real-time monitoring and alerting of leakage through Wi-Fi communication.

Solar Panel cleaning system   **May 2024 - present**
- Design and implementation of an efficient dry cleaning mechanism.
- Reducing manual intervention and maintaining consistent panel cleanliness.

Electronic Load   **Oct 2023 - Nov 2023**
- Designed electronic load systems using the MS51FB9AE microcontroller.
- Developed a control algorithm for the switching of load.

RFID door locking system   **Sep 2022 - Oct 2022**
- A robust RFID-based access control system for doors.
- Manages the overall access control system and access logs.

SKILLS

Languages: Python, C.

Tools: VS Code, Power BI, kiCAD, MATLAB, Proteus 8.

Certifications : AWS for beginners, Career Essentials in Software Development by Microsoft and LinkedIn, Digital Signal Processing, Nanotechnology and Nano-sensors.

EDUCATION

BE in Electronics and communication Engineering | CGPA : 7.82   **2021-Present**
St. Joseph Engineering College

Pre University College in PCMB | 84.67%   **2019 - 2021**
SDM PU College Ujire

SSLC | 90.08%   **2016 - 2019**
Sacred Heart High School Madanthyar

EXPERIENCE

Automation and Robotics Club (ARC) :
Treasurer and Technical support for the club.

Python Bootcamp :
A brief knowledge about Python and Git hub management.

Prototype using PCB
A complete process of building PCB