

VISHAL R

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linkedin LinkedIn github GitHub



SCAN FOR ONLINE RESUME

Objective

Dynamic and dedicated Electronics and Communication Engineering student with a passion for technology and innovation. Eager to leverage academic knowledge and hands-on experience to contribute to groundbreaking projects in the field of electronics.

Education

- **Bachelor of Engineering in Electronics and Communication Engineering**
SJCE College of Engineering, JSSSTU University, Mysore
Expected Graduation: June 2025
- **Pre-University Course**
SBRR Mahajanana Independent Pre-University College
Year of Completion: 2021
- **High School**
Podar International School, CBSE (2016)
Excel Public School, CBSE (2014)
Canara High School, CBSE (2019)

Featured Projects

- **A Unified Site with Games, Workout Regimen, Movies, Series, and Much More**
This comprehensive platform brings together various entertainment and fitness resources. [View Project](#)
- **Movie Recommendation System with and without SVD using Front-end**
Implemented a movie recommendation system using Singular Value Decomposition (SVD) algorithms. [View Project](#)
- **Chaos-Enhanced Vigenère Cipher with and without Rail Fencing**
Implemented Chaos-Enhanced Vigenère Cipher with and without Rail Fencing encryption. [View Cipher](#) | [View Rail Fencing](#)

Additional Projects

- **Density Based Traffic Control System:** Developed a traffic control system utilizing density sensing techniques.
- **Obstacle Detecting Miniature Car with Alert:** Designed a miniature car with obstacle detection sensors.
- **Wireless Notice Board:** Implemented a wireless notice board system.

- **Simulation of Noise Cancellation and Signal Reconstruction:** Conducted a simulation study on noise cancellation.
- **Water Level Detector using Servo Motor:** Developed a water level detection system.
- **STM32 Model for Fire Detection and Extinguishing:** Created a fire detection and extinguishing system.
- **Smart Attendance Monitoring System using OpenCV:** Developed an attendance monitoring system using OpenCV.
- **Smart Attendance Monitoring System using Fingerprint Sensor and Cloud Computing:** Designed an attendance monitoring system with a fingerprint sensor.
- **Liver Cancer Segmentation using Python:** Implemented a deep learning-based segmentation model.

Technical Skills

- **Programming Languages:** C, C++, MATLAB, Assembly Language, JavaScript, HTML, CSS
- **Technologies:** PLC (Programmable Logic Controller), SCADA (Supervisory Control and Data Acquisition)
- **Soft Skills:** Observation, Decision Making, Management, Communication, Multi-tasking

Certifications

- Certified PLC Programmer
- Certified SCADA Engineer
- Certified in Embedded IoT Workshop

Language Proficiency

- English (Fluent)
- Hindi (Native)
- Kannada (Native)