

# **Swadeshwar K**

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## **OBJECTIVE**

I am excited to work in a challenging environment where I can apply my efforts and knowledge to achieve the goals and objectives of the organization while also attempting to learn new technology to expand my knowledge and skills.

## **EDUCATION**

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### **UNDERGRADUATE DEGREE**

B.E - Electronics and Communication Engineering  
Sathyabama Institute Of Science & Technology.  
CGPA- 7.85

**CHENNAI, INDIA**  
2021-2025

### **HIGHER SECONDARY EDUCATION**

Sri Jayeandra Saraswathy Vidyaalayaa Matric Higher Secondary School.  
Grade – 72%

**VILLUPURAM, INDIA**  
2020-2021

### **SECONDARY EDUCATION**

Sri Jayeandra Saraswathy Vidyaalayaa Matric Higher Secondary School.  
Grade- 67%

**VILLUPURAM, INDIA**  
2018-2019

## **PROJECTS**

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### **FACE RECOGNITION TOOL FOR CCTV'S**

Technologies: Python, OpenCV, Keras

- Built a real-time face detection and classification system using a pre-trained Keras model.
- Captured live webcam feed and processed images to identify faces and emotions.
- Integrated OpenCV for real-time video processing.

### **INDUSTRIAL GAS LEAKAGE DETECTOR**

Technologies: Arduino, Sensors

- Developed a safety system to detect gas leakage in industrial environments.
- Used gas sensors to trigger alerts and prevent potential fire hazards.
- Designed the system for reliability in detecting hazardous leaks

## INTERNSHIP

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Internship in Data Networking at BSNL.

Chennai, India  
Aug-2021

## SKILLS

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- Python
- React
- SQL
- HTML & CSS
- JavaScript
- MS Excel
- GitHub

## CERTIFICATION

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- Python in GUVI
  - Data Analytics Essentials in Cisco Networking Academy
  - HTML in Great Learning.
  - Python assessment in Hackerrank.
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