# VIGNESH R

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## OBJECTIVE

BCA final-year student proficient in Python and Networking basics, seeking roles excluding voice processes. I am eager to be part of a passionate team and make an impact on the organization's success.

## EDUCATION

**Bachelor of Computer Applications**, DRBCCC Hindu College                                   Expected 2024
Current CGPA: 8.2
**Higher Secondary School**, SRM Higher Secondary School                                   2020 – 2021
Percentage: 83%
**Secondary School**, SRM Higher Secondary School                                   2018 – 2019
Percentage: 70%

## SKILLS

| | |
|---|---|
| **Technical Skills** | Python, HTML5, MySQL, Computer assembly |
| **Soft Skills** | Typist, Content Writing, Team work, Time Management |
| **Languages** | Tamil, English |

## Internship

**IT Expert™**                                                                                          (1-week)

- Developed a no-code SOS app during a one-week IoT internship.
- Led the innovation of the SOS app, enhancing emergency response efficiency.
- Contributed to the project by integrating key features into the SOS app using no-code tools.

**Elon's AI**                                                                                          (1-week)

- Mastered image processing techniques through practical application at Elon's AI company.
- Acquired valuable skills in machine learning-based image processing during my stint with Elon's AI firm.
- Successfully implemented image processing methodologies as part of my responsibilities at Elon's AI company.

## PROJECTS

**Drowsiness Detection Guard:** This is Python script implements a real-time drowsiness detection system using computer vision techniques. The program utilizes the dlib library for facial landmark detection and calculates the Eye Aspect Ratio (EAR) to determine if a person is showing signs of drowsiness.(Check it out here)

**Deep Fake Detection:** This is a web application, built with Flask, allows users to perform deep fake detection on uploaded images using a pre-trained machine learning model. The deep fake detection model is designed to classify images into different facial expression categories.(Check it out here)

## EXTRA-CURRICULAR ACTIVITIES

- Actively Volunteered for NSS in a hospital setting, actively involved in recording and organizing patient information.
- Active volleyball player contributing to team dynamics, securing victory in the inter-departmental competition with teamwork and skill.

## CERTIFICATIONS

- Successfully completed English Typewriting course accredited by the Government of Tamil Nadu.
- Completed the machine learning in image processing certification program at Elon's AI.