Augustin Joseph

MY CONTACT

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INTERNSHIP

- 5 days internship at Biomedical Department of Jubilee Mission Medical College, Thrissur.
- Industrial Visit at Dentcare India for a day.
- Visited Biomedical department of KIMS HEALTH Hospital, Trivandrum during the 5th National Conference.

HOBBIES

- Listening to music
- Playing football
- Playing chess

SOFT SKILL

- Team work
- Collaboration
- Patience

CERTIFICATION

- Biomedical Nanotechnology, NPTEL
- Five Day Online Bootcamp , Hardware club IEDC

OBJECTIVE

- Aspiring for the role of biomedical engineer in a hospital with the aim of utilising my knowledge in medical device testing and maintenance towards improving healthcare outcomes.

EDUCATION BACKGROUND

- **B.Tech Biomedical Engineering**
Sahrdaya College of Engineering and Technology, Thrissur
CGPA- 9.1
Completed in 2023

- **12th**
Government higher secondary school , Kodakara
Percentage- 98
Completed in 2019

- **10th**
St .Anne's Public school, Kodakara
percentage-95
Completed in 2017

PROJECT

- Non-Invasive Gastritis Detection
Gastritis is a common disease and at present, the most well-established method is endoscopy, which is not necessary for all patients. The project focuses on using an image processing method in which tongue features are extracted from the images. It involves developing a software application that is trained with sufficient samples and is efficient in distinguishing severe gastritis.

- Smart Alert System for Safe Driving
Our idea is to develop a device to prevent people falling asleep while driving. The main ideology is to detect sleep and alert the driver using a buzzer and a vibrator. The IR sensor detects the eye ball movement and this information is processed by the Arduino. The Arduino then sends the high signal to the buzzer and the vibrator if the eye posses no motion for a longer time.