



# Augustin Joseph

## MY CONTACT

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✉ augustinjoseph3951@gmail.com

☎ 9446521658

📍 Parakka house,  
Manakulangara P.O  
Kodakara ,680684

## INTERNSHIP

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- 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

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- Listening to music
- Playing football
- Playing chess

## SOFT SKILL

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- Team work
- Collaboration
- Patience

## CERTIFICATION

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

## OBJECTIVE

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To secure a clinical engineering position in a reputable healthcare organization where I can apply my technical knowledge in medical device and maintenance, as well as my problem-solving skills, to improve patient care.

## EDUCATION BACKGROUND

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- *B.Tech Biomedical Engineering*  
Sahrdaya College of engineering and technology, Thrissur  
CGPA- 9.15 ( Until 7th semester)  
appearing
- *12th*  
Government higher secondary school ,  
Kodakara  
Percentage- 98  
Completed in 2019
- *10th*  
St. Anne's Public school, Kodakara  
percentage-95  
Completed in 2017

## PROJECT

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- *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 poses no motion for a longer time.