

Emmanuel Shine Joseph

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EDUCATION

College Of Engineering Chengannur

B.Tech Computer Science Engineering **CGPA: 7.66**

Chengannur, Alappuzha

Aug. 2018 – June 2022

Christ Central School

All India Senior School Certificate Examination **Grade: 81%**

Muthoor, Thiruvalla

June 2016 – March 2018

VOLUNTEERING EXPERIENCE

Activity Coordinator

Forum of Computer Science Engineering Students

October 2021 – June 2022

Chengannur, Alappuzha

- Co-ordinated and conducted five tech events of the forum.
- Created a major improvement in the overall presence of the forum in the campus.
- Managed to increase the participation of computer engineering students in tech events.

Execom Member

National Service Scheme

September 2019 – August 2021

Chengannur, Alappuzha

- Contributed immensely for the unit to achieve the title of best NSS unit in Kerala.
- Played a critical role in Kerala flood rescue operations.
- Participated in various regional level camps.
- Actively took part in social work like mask making and distribution during the COVID 19 pandemic, performing maintenance work of the college, collecting food and clothes for the Assam flood victims.
- Achieved the title of Master Trainer as part of Pathanamthitta Sannadha Sena.

Organizer

Orthodox Christian Youth Movement

March 2022 – Present

Niranam diocese

- Mentored and led five OCYM units.
- Organised several events related to the unit.
- Guided various charity programmes.

CERTIFICATIONS

Infosys Spring Board - Introduction to deep learning Learned about Deep learning, Convolutional Neural Networks (CNN), Recurrent Neural Networks(RNN) and Deep learning and it's business. Gained an idea of the impact of Deep Learning in today's world.

PROJECTS

Envision - Enabling the blind | Python, Flask, Keras, Tensorflow, Numpy

January 2021 – June 2022

- A web application that assists the visually challenged through recognition of fruit and images using deep learning.
- Developed a web application using with Flask serving a REST API with a vanilla html page in the front-end.
- Made use of Web Speech API for text recognition.
- Uses MobileNet V2 architecture image classification to classify fresh and rotten fruit.

H-Care | Angular, django, Git

May 2020 – December 2020

- Designed a healthcare app that stores patient health records.
- SOS enabled button to send alerts to nearby hospitals in an emergency situation.
- Built a single page client application in Angular using typescript.
- Made use of postgres database to store patient data.

SKILLS

Programming Languages: Python, C, SQL ,HTML

Frameworks: Flask

People skills: Communication skills, leadership

Hobbies: Farming, Fitness, Cycling

Languages: English, Malayalam, Hindi