

# Geo Jolly Cheeramvelil

## OBJECTIVE

To gain exposure, enhance my skills and always be ready to learn new things.

## EDUCATION

- 2020-2024 **B.Tech in Computer Science and Engineering, Amrita Vishwa Vidyapeetham, Amritapuri**  
Ongoing CGPA: 9.24/10
- 2020 **Marygiri Senior Secondary School, Higher Secondary Education CBSE**  
Percentage: 90.8%
- 2018 **Little Flower School, Higher Education Kerala State**  
Percentage: 10 A+

## EXPERIENCE

- October 2021 - Present **The Oppia Foundation, Collaborator**  
Oppia is a free, online learning platform to make quality education accessible for all. I deal with projects involving backend and data handling.
- December 2020 - Present **amFOSS, Member and Mentor**  
amFOSS is the Free and Open Source Software club of my college. I am an active member of the community from the time I joined college. I actively take part in all events and also help in organizing events hosted by amFOSS.

## ACHIEVEMENTS

- January 2022 - present **GDC Fellowship**  
Selected as one of the **40 from 48000** students, who applied for an industry-led training supported by **AICTE**(All India Council for Technical Education) to become full-stack developers and get a six month internship for open-source contributions to create digital public goods.

## ACTIVITY

- September - October 2021 **30 Days of Google Cloud**  
30 Days of Google Cloud program provided an opportunity to get hands-on practice on Google Cloud Platform - the tool that powers apps like Google Search, Gmail and YouTube. This program introduced me to Computing, Application Development, Big Data & Machine Learning using Google Cloud's training platform called Qwiklabs.

## PROJECTS

- Galaxy Morphology Prediction 2022 **Tech stack: Python, PyTorch, onnx, Jupyter Notebook**  
Galaxy classifier is a tool capable of classifying some of the main features of a galaxy. For the ease of use, the model was converted into onnx and then deployed as a web application. Link to project: <https://github.com/kingjuno/Galaxy-Morphology-prediction>
- Pneumonia Detection using chest X-ray 2022 **Tech stack: Python, PyTorch, onnx, Jupyter Notebook**  
This project classifies Pneumonia patients using their chest x-rays. For the ease of use, the model was converted into onnx and then deployed as a web application. Link to project: <https://github.com/kingjuno/Pneumonia-Detection>
- Compiler Bot 2021 **Tech stack: Python**  
A Discord bot which can compile code, display the output of the compiler, and run the program. This bot is great for prototyping ideas, or testing concepts on-the-fly with very little effort. Link to project: <https://github.com/kingjuno/compiler-bot>

## LANGUAGES

- English** Full Professional Proficiency
- Malayalam** Native Tongue, Full Professional Proficiency

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## COMPUTER SKILLS

- OS** Linux, Windows
- Languages** Python, Java, PostgreSQL, JavaScript, C, C++, Bash
- Tools** PyTorch, Tensorflow, OpenCV
- VCS** Git
- Other Skills** Web Development, Machine Learning, OpenCV, Problem Solving

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## INTERESTS

- Technical** Computer Vision, Deep Learning, Web Development, Open Source contribution
- Hobbies** Travelling , Gaming

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## PERSONAL DETAILS

- DOB** 30 June, 2002
- Residence** Kannur, Kerala, India
- Status** Student