

# Alex Thomas

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## EDUCATION

**Amal Jyothi College of Engineering**

**Kanjirapally, Kerala**

*MCA ( 88.75% )*

- APJ Abdul Kalam Technological University [ 2020-2022 ]

**St.Aloysius UG College**

**Mangaluru, Karnataka**

*B.Sc ( 79% )*

- Triple core -Physics, Mathematics, Computer Science.
- Mangalore University [ 2017-2020 ]

## PROJECTS AND EXPERIENCE

### Market Sonar

*Stock Market and Social Media Analysis.*

- System predicts the Stock prices, Analyses the news using Natural Language Processing and Social sentiment analysis based on social media.
- Developed using Django and SQLite.
- Developed under Scrum framework.
- Made experience in Data Science and Machine Learning - Numpy, Pandas, NLTK, LSTM, Matplotlib, Tensorflow.

### FoodCourt Management System

*System for Food Court and Parking Management.*

- Developed in Django and MySQL.
- Worked under Scrum framework.
- Manages food ordering for customers and restaurants or stores. Also parking management for administration.

### AI Personal Trainer

*Personal Trainer for Gym.*

- Created as part of research on Media Processing and Pose Estimation in Physical Training.
- Developed using Python in Jupyter.
- Made experience in Media Processing and Computer Vision- OpenCV, Mediapipe.

### Malayalam Chatbot

*ChatBot in Native Indian Language Malayalam.*

- Chatbot with speech input and output, developed in Python.
- Created using Speech Recognition and Google translation.
- Worked as a team and integrated it with other contributions.

## LEADERSHIP EXPERIENCE

**IBM Hackathon- Improve Government Portals**

*Team Head*

*April 2020*

- Successfully worked as a team with 4 other members, collaborated and integrated with the team members
- Had the responsibility as Team Head, planned the meetings, laid out the frame and plan of work among the team members and managed the integration. Piloted the team presentation of the project.

## CERTIFICATES AND WORKSHOPS

- |                                    |                      |
|------------------------------------|----------------------|
| • Python and Data Science          | -Udemy               |
| • Scrum Fundamentals               | -Udemy.              |
| • Google cloud Facilitator Program | -Qwiklabs (Hands-on) |
| • Machine Learning using Python    | -Workshop            |

## SKILLS & INTERESTS

**Skills:** Python | Django | Google Cloud Platform | MySQL | HTML5 | ML (Basics)

**Interests:** Machine Learning, Backend Development, Travelling, Photography, Exploring