

# MOHAMED RIAZ

Data analyst & ML developer at Pikkal & Co.

[mohamed.riaz1307@gmail.com](mailto:mohamed.riaz1307@gmail.com)

+91 7010233497

## Work Experience

LinkedIn: [mohamed-riaz](#)

### [Pikkal & Co](#) (Singapore - remote) | Data analyst & ML intern

(December 2020 - present)

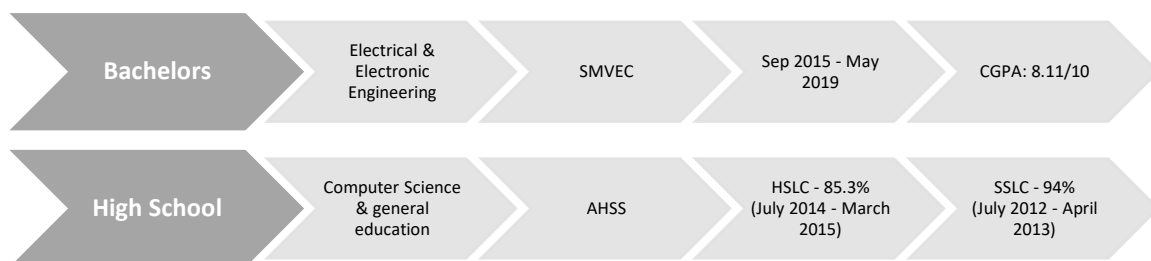
- Worked on topic extractions using **NLTK** tools and implemented inside **Django-rest** framework for effective API requests with **PostgreSQL** database
- Used **ReactJs** framework to build analytics dashboards and charts with **Chart.js**
- Optimised SEO performance and website accessibility
- Currently working on **sentiment analysis** with RSS feeds from iTunes, Spotify for corporate clients

### [Exor Robotics](#) (India - Pondicherry) | Technical Advisor

(July 2019 - August 2020)

- Built custom **image classifiers** with LeNet-5 CNN architecture
- Worked on projects related to Arduino, Raspberry Pi, Python and data science tools
- Organised Tech-events and workshops including BITS Pilani, Anna University, VIT-Chennai

## Education



## Projects

GitHub: [racyriaz](#)

### BLUR DETECTOR

Developed a deep learning CNN model that predicts and classifies blurred images with an accuracy of 82.8% without overfitting the model (*under development*)

### SENTIMENT ANALYSIS OF TWEETS DURING COVID-19

Perform EDA, Clustering tweet content using KMeans and sentiment analysis using NLTK tools.

### AQUA TRAWL SYSTEM

Tracking of ornamental fishes using OpenCV, TensorFlow and python for quick maintenance and fish swim pattern in aquarium.

### ORGANIC MANURE PRODUCTION

Developed artificial environment with multiple algorithms to boost bacterial production rate using hardware such as 2 Hp motors, MSP430 controllers, etc.

## Certification

- Udemy – TensorFlow Bootcamp with Python 3 by Jose Portilla, Pierian Data
- Udemy – Full Stack Web development with Angela Yu, App Brewery
- Udemy – PostgreSQL for DB management, Jose Portilla, Pierian Data

## Achievements

- Acquired a project development fund of 5 Lakhs and seed fund of 20 Lakhs from DST, India and incubation at IIM Bangalore as a winning part of IICDC 2016 competition
- Came among the finalist in TechTop-2017, IIT Delhi
- Winner of Best project award at campus level

## Skills

Python	●●●●●●●●	Git Version Control	●●●●●●●●
Machine learning	●●●●●●●●	ReactJS	●●●●●●●●
Neural Networks	●●●●●●●●	Django	●●●●●●●●
Data Science tools	●●●●●●●●	PostgreSQL	●●●●●●●●
HTML	●●●●●●●●	Microsoft Office	●●●●●●●●
CSS	●●●●●●●●	Linux (Ubuntu)	●●●●●●●●
Java Script	●●●●●●●●	Adobe Photoshop &	●●●●●●●●
(ES6)	●●●●●●●●	Adobe Illustrator	●●●●●●●●