# Akash Francis Joseph

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## **Education**

**CMR** University, Bengaluru, India — B.Tech. in Electronics and Communications Engineering | August 2017 - August 2021 | CGPA: 8.45/10

- Class CR for four consecutive years.
- CAMPUS AMBASSADOR at Society for Data Science- BIT Mesra.
- Attended 10+ various competitions & hackathons.

St Joseph's College, Bengaluru, India — Intermediate PUC PCMC | May 2015 - March 2017 | Percentage- 80%

**Maruthi Vidyalaya, Bengaluru, India** — Intermediate 10th | May 2015 - March 2017 | Percentage- 85%

# **Projects**

- 1. Sahayaka App formerly (Be-Aware)
  - Built an interactive android app to help farmers in marketing their goods and help spread awareness about COVID-19.
  - Used java, firebase, android studio.
  - We won second prize in the IEEE Covid Move Online Hackathon, 30 March 2 April 2020.
- 2. Web App to analyze New York Traffic data
  - Built an interactive Web App to visualize the data with different graphs and plots
  - Used python, streamlit, pandas numpy, matplotlib and seaborn.
  - Learned to use streamlit library with other data science libraries to create data science web apps.
- 3. Resume Analyzer
  - Built a web app to analyze the resume for important keywords and plot graphs based on it.
  - Used python, API, firebase, NLTK, html and css.
  - Learned to use sentiment analysis, scrape words and use the NLP library NLTK.
- 4. TODO app with firebase
  - Built an TODO app to record list actions and save them in a nosql database (firebase).
  - Used React JS, firebase, API, Auth0.
  - Learned to use React to build apps and use various functions (scroll, pages etc.) and use firebase as a database.

## **Skills**

**Beginner:** Federated Learning, GraphQL, Hadoop, MongoDB, Tableau, React JS

**Intermediate:** Algorithms, Android Studio, Azure & Cognitive Services, C, Data Structures, Django, Docker, Flask, HTTP, MySQL, NLP, OOP, Rest API, SQL, PowerBI, PyTorch

**Advanced:** Computer Vision, Data Visualization, Deep Learning, Feature Engineering, Git, IoT, Machine Learning, Python, TensorFlow, scikit-learn, Web Scraping, Familiarity with Windows & Ubuntu

Soft Skills: Adaptability, Innovation, Positive Attitude, Problem Solving, Product & Project Management, Solution Architecture, Leadership, Listening & Speaking Skills, Teamwork, Time Management

#### **Achievements and Awards**

Won Second Prize in IEEE CovidMove 1.0

hackathon(02/2020): Won Second Prize out of 60+ teams, Be-Aware - an app to bridge the gap between the farmers and the government during the crisis. Presented the solution at IEEE International Conference HYDCON 2020

**International Top Talents Awards(02/2012):** Oualified to state level

# **Organizations and Volunteering**

#### **CAMPUS AMBASSADOR** at **Society** for

Data Science-BIT Mesra

# Languages

- 1. English Fluent
- 2. Indian(Kannada) Native/Mother Tongue
- 3. Indian(Hindi) Elementary

#### **Personal Interests**

Reading tech news, DIY hobby projects