

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): Qualified to state level

Organizations and Volunteering

CAMPUS AMBASSADOR at Society for Data Science- BIT Mesra

Languages

1. English – Fluent
2. Indian(Tamil) – Native/Mother Tongue
3. Indian(Hindi) – Fluent

Personal Interests

Reading tech news, DIY hobby projects
