Ajay Antony Joseph

Curriculum Vitae

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Career Objective

Develop professional skills of teaching students of every age by providing work-based learning. To offer quality education to students.

Education

2021	**Doctor of Philosophy - PhD, Computer Science** Sri Ramaswamy Memorial Institute of Science and Technology(SRM), Chennai SRM UNIVERSITY
2016–2019	**Master of Computer Application** Federal Institute Of Science And Technology(FISAT), Angamaly APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY(KTU) Percentage − 70%
2012–2015	**Bsc Computer Science** Naipunnya Institute of Science and Technology Pongam, Agamaly CALICUT UNIVERSITY Percentage − 64%
2010–2012	**Secondary Education** St,Antony's Higher Secondary School, Mala STATE Percentage − 79.5%
2009–2010	**High School** LFCHSS School, Koratty STATE Percentage − 79.5%

Computer Skills

Languages	C, C++, Python (django, Flask, Machine Learning),php (Codeigniter,Laravel)
Front End	Html,Javascript,Jquery,Ajax,Bootstrap
Database	MySQL
Applications	LaTeX, MS Office (Word, Powerpoint, Excel)
Operating Systems	Linux, Microsoft Windows
Text Editors	Sublime,Visual Studio Code,Atom

Work Experience

2015–2016	**ATEES Infomedia Pvt Ltd.** Jr.Software Developer
2019	**Boxtrone Technologies** Jr.Software Developer
2019 November	**Yeldo Mar Baselios College, Puthuppady** Assistant Professor

Projects

Smart Analyzer-2.0

2019   **6th semester**, MCA, Federal Institute Of Science And Technology .

The aim of the project is to develop a software that helps outcome based education. It automates all the manual jobs. It calculates the score based on CO-PO mapping that already defined by the user.Result can be viewed in UI and can be downloaded.

TECHNOLOGY
Front End : HTML,CSS,JavaScript,Google Sheet,Google Form
Back End : Google Sheet,MySql
Framework : Flask,Bootstrap,Jquery

Smart Analyzer

2018   **5th semester**, MCA, Federal Institute Of Science And Technology.

This application collect information of passout students using online google form and stores that data in google sheets and then analyze them.Using previously defined rules result will be displayed using graph and tabular column.

TECHNOLOGY
Front End : HTML,CSS,JavaScript,Google Sheet,Google Form
Back End : Google Sheet,MySql
Framework : Flask,Bootstrap,Jquery

Droid Alert

2015   **6th semester**, Bsc CS, Naipunnya College Pongam.

The aim of the project is to develop an android based smart phone application. It helps to quick dial previously entered phone numbers and sos can be dialed by easily.It comes with a interactive UI. Important numbers can be selected from contacts which makes the set-up process more easier

TECHNOLOGY
Front End : XML,Android
Language : Java
Back End : SQL Lite

Sentiment Analysis

2015 , BCA PROJECT, ATEES Infomedia PVT. Ltd.

An application to analyze statements and classify it into bad or good review. Uses Machine Learning technique to analyze it. Any number statements can be analyzed and classified.

Language Used : Python

FriendsBook Application

2015 , BCA PROJECT, ATEES Infomedia PVT. Ltd.

Its an application like facebook ,we can share our information through it. our friends will be able to view and like or comment it. Basic modules like login,logout and password reset are available.

Language Used : php,Mysql

Resume Parser

2015 , BCA PROJECT, ATEES Infomedia PVT. Ltd.

This software is to analyze a resume and suggests which career is best for us.We can upload the resume using the UI, software will analyze the resume and will help us with career instructions.Software works with previously enabled rules.

Language Used : Python,Flask

Emotion Based Music Player

2015 , BCA PROJECT, ATEES Infomedia PVT. Ltd.

This software process users face image as input. It finds emotion using machine learning technologies and plays a song automatically using pygame library.

Language Used : Python,Django

Travel Helper

2019 , MCA PROJECT, Student Project.

This software has access to camera. It can guide the user. It identifies objects infront of them and let user know byconverting it to audio.

Language Used : Python

Currency Identifier

2019 , MCA PROJECT, Student Project.

This software takes currency image as input.Software is trained with different currencies.So the uploaded image will be identified using binary matching and it return results as audio.

Language Used : Python,Django

Augmented Fashion

2019 , MCA Project, Student Project.

This software has access to camera. It augments jewellery items to users body parts.Input is users live video feed.User can view the live augmented video.

Language Used : Python,Flask

SABA Bot

2019 , Robot against Covid-19, Humanoid Robot.

This project was to create a robot that helps people to be safe from covid virus. It can check temperature, provide mask,provide sanitizer, make people aware about covid-19 and it will automatically move towards people.

Language Used : Machine Learning,OpenCV,Python,Flask

Face Attendance Machine

2021 , Attendance using Face Detection.

This project was to create attendance machine that works based on faces. It will automatically mark attendance based on in and out.

Language Used : Machine Learning,OpenCV,Python,Flask

Barcode Reader for Student Idcard

2021 , Bardcode reader for in/out Register.

This project was to create a barcode reader that extract data from barcode of students IDcards. it is designed to use at library and computerlab. So that the in/out process can be handled more easily.

Language Used : OpenCV,Python,Flask

Seminar

Face Detection in smartphones

2018 **4th semester**, MCA, Federal Institute Of Science And Technology.

Django and sqlite

2018 **5th semester**, MCA, Federal Institute Of Science And Technology.

Flask, micro web framework

2018 **5th semester**, MCA, Federal Institute Of Science And Technology.

Object recognition using python

2018 **5th semester**, MCA, Federal Institute Of Science And Technology.

Machine Learning Algorithms.

2018 **5th semester**, MCA, Federal Institute Of Science And Technology.

Resource Person

Faculty Development Program

2021	**'Information and Communication in Teaching'**, 7/July/2pm - 4.pm, Yeldo Mar Baselios College, Kothamangalam.
	One Day Webinar
2021	**'PHP Frameworks'**, 24/March/10Am - 4Pm, Federal Institute Of Science And Technology.
	One Day Webinar
2021	**'Django-A practical approach'**, 22/July/10Am - 4Pm, Federal Institute Of Science And Technology.
	One Day Workshop
2022	**Python-Django**, 22/January/9.30Am - 3.30 Pm, St'Joseph College. Palai.
	Certificates
Certificates	, , https://github.com/ajayjoseph13/Resource-Person.

Books Published

Chapter in 'Journey To The Machine Learning'

Chapter Name	**'Machine Learning and Robotics'**, , Yeldo Mar Baselios College, Kothamangalam.

Co - Curricular Achievements

Event Organiser,National Level IT fest 'PRAYAAN 2K18' at FISAT

Participated in Flashmob conducted as part of the National Level IT Fest, hosted by the Department of Computer Applications, FISAT

Designed website for 'PRAYAAN 2K18', hosted by the Department of Computer Applications, FISAT

Developed software to conduct all the programs through browser for 'PRAYAAN 2K18', hosted by the Department of Computer Applications, FISAT

Event Organiser,IT fest 'LAQSHYA' 2013-14, Naipunnya College Pongam

Extra - Curricular Activities

Active participation in cultural events, Dept fest 'ALGORYTHM 2k17', FISAT

Active participation in cultural events, Dept fest 'INNPASCO 2k17', CUSAT

Workshop Attended:

Latex:	Attended a workshop on Latex and has created a seminar report in 2018
M-Power:	Training workshop on Power Communication conducted by Mridula(head coach) and Krishnakumar (Facilitator MPOWER in 2018)
Python and AI	Google Meet training on Python and AI conducted by Sreehari(Sr.Software Developer,Kochi))
Online Course Certificates:	https://github.com/ajayjoseph13/online_certificate

Social Apps

Github: https://github.com/ajayjoseph13

Personal Strength

- Adaptability
- Hard working
- Honest
- Leadership
- Listening
- Helping mentality

Personal Details

DOB: 13/05/1995
Nationality: Indian
Languages: English, Malayalam, Hindi
Hobbies: Listening to music, Driving,Reading,Football,Cricket

References

- Name : Santhosh Kottam
  Designation : Head Of The MCA Department (Federal Institute Of Science And Technology, Angamaly)
  Mob No : 9446437774
  Email Id : sankottam@gmail.com

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place : Mala   Ajay Antony Joseph