

# Amal Matty Antony

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## EDUCATION

### **PSG Institute of Technology and Applied Research, Coimbatore**

*B.E. Computer Science and Engineering*

2015 - 2019 | CGPA: 8.29/10.0

### **Kendriya Vidyalaya, Coimbatore**

*AISSE (XII) CBSE* | Board Percentage: 94.40%

### **Kendriya Vidyalaya, Coimbatore**

*HSC (X) CBSE* | Board CGPA: 9.80/10.0

## SKILLS

### ● Languages:

- Proficient in : C++, Python
- Familiar with: Java, C, PHP, JavaScript, SQL

### ● Platforms: Linux, Windows.

### ● Others:

- Git CLI
- Android App Development
- OpenStack deployment

## ADDITIONAL CERTIFICATIONS

- 'Machine Learning' - Andrew NG, Coursera
- Data Science and Big Data Analytics, Dell EMC
- Cisco Certified Network Associate, Module I and II, Cisco Academy

## AREAS OF INTEREST

- Data Structures
- Algorithms
- Operating Systems

## PROJECTS

### 2019 **EDDIE - a personalized voice assistant**

An android voice assistant which performs basic actions and uses user trained voice models to reply back.

Technology used: Java, Django-Python

### 2018 **Ezhili- an OpenStack deployment**

An OpenStack cloud deployment at PSG iTech, all basic services like computation, storage and instance networking is supported.

Technology used: OpenStack services

### **Youtube-mp3-Downloader**

An android app which makes downloading mp3 songs quicker by scanning the clipboard for youtube links and providing the download link as a notification.

Technology used: Java, Python

### **Website for Yuktaha 2k18**

Developed the back end for college website for Yuktaha 2018 technical symposium conducted by PSG iTech.

Technology used: JavaScript, PHP, MySQL.

2017 **Kenny- a stock market analysis system for stock recommendations**

A basic stock market analysis system and recommends better performing stocks to the user.

Technology used: Python, Google Finance API

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## Positions of Responsibility

2019 **Project Lead, undergraduate project**

Planned and designed the overall architecture of the project. Prepared timelines and schedule for various modules.

2018-19 **Placement Representative, Department of Computer Science and Engineering**

Helped in conducting various placement drives in the college, with the placement team at PSG iTech. Organized and conducted various seminars, mock interviews and group discussions relevant to placements.

2016-18 **Joint Secretary, English Literary Forum(ELF)**

Co-initiated "Let's Talk", a platform for aspiring speakers. Organised various "Let's Talk" events with more than 15 speakers participating in this time period. Also helped in organising and judging english debate for annual day celebration. Organised an english skit "Disconnected" for the annual day.

2018 **Back end lead, website for Yuktaha 2k18**

Developed the entire back end for the Yuktaha 2018 website including designing and implementation of database for online registration, form validations, mailing lists for promotional and confirmation emails etc.

2018 **Executive Member of iTech Dialogue**

iTech Dialogue is modeled after Ted Talks where a noted speaker delivers a talk on a captivating topic. Organized an 'iTech Dialogue' with over 100 students attending the talk on 'Opportunities in Civil Services'.

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## Awards and Achievements

- 2019
- "Outstanding student achievement award", Advaya 2019
  - Presented a paper at NC3SD conference on 'EDDIE: making of a personalized voice assistant' conducted at PSG Institute of Technology and Applied Research
- 2018
- 2nd place in 'Solve-a-thon: Youth, Skills and the Workforce of the Future' conducted by CII, Coimbatore.
  - Award of Appreciation for deployment of Private Cloud at PSG iTech
  - 2nd place in 'Hunt the Code', conducted by NIT Trichy
  - 2nd place in 'Top Coder', Kriya 2018, PSG College of Technology.
  - Conducted "Machine Learning" workshop, Yuktaha 2018
- 2017
- 1st place in Do the Best event, Advaya 2017
- 2016
- 3rd place in English debate, Daksha: 2016