

# Visakh Ajith

Vaishnavam, Thottumugham P.O, Aluva, Kerala - 683105

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*"Best way to predict future is to invent it."*

## Education

### Federal Institute of Science And Technology (FISAT)

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

- Secured a CGPA of 7.65 out of 10(3.06 out of 4)

Angamaly, Kerala

August. 2014 - 2018

### Crescent Public School, Aluva, Kerala

XII (SCIENCE) AISSCE, CBSE

- One of the topper's at school with a score of 91.2 percent.

Aluva, Kerala

May. 2013 - 2014

### Crescent Public School, Aluva, Kerala

X, AISSE, CBSE

- Secured 89.2 percent.

Aluva, Kerala

May. 2011 - 2012

## Experience

### Dell Technologies(Dell EMC India)

SOFTWARE ENGINEER 1 AT CAREER LEVEL INDIVIDUAL CONTRIBUTOR I5

- Part of Powermax (Vmax) OS development team which was previously know as Vmax Ucode team.
- Was part of the Disk adapter team in which contributed widely towards Scans and Meta-data Recovery development.
- Involved in development of recovery and meta data development of next generation series of Powermax.
- Actively involved in solving customer issue's and triaging which often involved writing bug fixes on the go and deploying them to customer environment.

Bangalore, India

September 2018 - Present

## Industrial Training

### techjeeva Technologies Pvt Ltd

WORKED ON THE FOLLOWING TECHNOLOGIES:

- Microcontrollers and embedded system programming
- Usage of different types of digital and analog sensors.
- Application of wireless communications such as Bluetooth and GSM

Ernakulam, Kerala

11th July. 2016 - 25th July. 2016

### FISAT Summer School 2017

- Trained on various platforms like Git, docker, Ruby, Ruby on rails, NodeJS and Java as well as exposure to industry standards in software development through experts from the computing industry

FISAT, Angamaly, Kerala

April. 2017 - April. 2017

## Academic Projects

## SOCIAL NETWORK ADDICTION DETECTION APPLICATION

FISAT, Angamaly, Kerala

AN ANDROID APPLICATION TO ANALYSE THE ADDICTION RATE OF USER.

January 2016 - May 2016

- An android Application the enables user to be aware of his usage rates of different applications installed on his device. By this way user will be able to keep an eye on his usage of different applications and know if he has been using any apps for far too long. We have also included a graphical user interface in the form of pie chart so that user easily gets an idea of his usage rates. We have used an No-sql database called Couchbase which gives offline support as well to the application. My role in this project was associated with cooperating couchbase along with android. I also contributed in developing the mechanism for finding the foreground time of each app.
- Github : <https://github.com/visakh7843/APP-USAGE-TRACKER>
- Other Team Members: Vandana M N, Meenakshi M S, Sooraj Balan
- Platform: Android Studio, Couchbase

## MalluHub-A Web App to Learn malayalam

FISAT, Angamaly, Kerala

April. 2017 - April. 2017

- MalluHub is a Webapp which enables user to easily learn malayalam. The webapp was developed using nodejs. The webapp allows any user with no previous knowledge in malayalam to learn malayalam very easily. We give examples for each
- Github : <https://github.com/visakh7843/MalluHub>
- Platforms: hmtl, css, bootstrap, nodejs

## Vision-Based Fall Detection using Pose Estimation

FISAT, Angamaly, Kerala

A FALL DETECTION MECHANISM WHICH USES CNN AND OPTICAL FLOW IMAGES

January 2016 - May 2016

- The project aims to detect people going to fall onto the ground from the input video. Technology used to detect a person is a pose estimation strategy using which we would be able to essentially keep track of a person. The key points extracted are used for detecting a fall.
- Github : <https://github.com/visakh7843/Fall-Detection>
- Other Team Members: Soniya Johny, Noah Paul Jose, Sooraj Balan
- Platform: python, CUDA, cudNN

## Technical Skills

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- **Programming Languages:**  
C, C++, Python, Java, HTML, JavaScript, SQL, Flutter(Dart)
- **Database:**  
MongoDB, Apache CouchDB, Firebase
- **Platforms:**  
LaTeX, Bootstrap, Android Studio

## Responsibilities Held

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| 2018-2020 | <b>Dell Technologies</b> , GDP(Graduate Development program) Core team member  |
| 2017-2018 | <b>Google</b> , Applied CS with Android Facilitator                            |
| 2017-2018 | <b>Chairman</b> , IEEE Computer Society student chapter, FISAT.                |
| 2017-2018 | <b>Web team lead</b> , IEEE Compute, IEEE CS ISAC newsletter.                  |
| 2016-2017 | <b>Webmaster</b> , IEEE FISAT SB   |
| 2015-2016 | <b>Student Ambassador</b> , IEEE Programming League 2.0.                       |
| 2017-2018 | <b>Student Ambassador</b> , TCS  |
| 2015-2017 | <b>Content writer and Proof reader</b> , IEEE Compute, IEEE CS ISAC newsletter |
| 2016-2017 | <b>Content Writers Team Lead</b> , IEEE Compute, IEEE CS ISAC newsletter.      |

## Achievements

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- Received best project award in college for the year 2017 - 2018
- Recipient of Google India Challenge Scholarship by Udacity
- Attended Google Developers Day 2017(GDD 2017) as a Teaching Assistant(TA) for Codelabs.
- Invited by google to attend a 2 day bootcamp at google office, Bangalore
- Volunteered for IEEE Computer Society India Symposium(CSIS) 2016 in Documentation team.
- Designed Website for ICEFOSS '16(ICEFOSS is a Conference for Enthusiasts of Free and Open Source Software).

## References

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