

# Aswin Babu K

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## EDUCATION

### MASTERS

**MASTER OF COMPUTER APPLICATION**  
College of Engineering Trivandrum  
APJ Abdul Kalam Technical University  
Expected June 2019 | CGPA: N/A

### BACHELORS

#### B.SC COMPUTER SCIENCE

Naipunnya School of Management  
University of Kerala  
June 2016 | CGPA: 7.79

## LINKS

Github:// [karuvally](#)  
Gitlab:// [karuvally](#)  
LinkedIn:// [karuvally](#)

## INTERESTS

GNU/Linux  
Operating Systems  
Network Programming  
UNIX design philosophy  
Shell  
Internet of Things  
Vintage Computing  
Virtualization  
High Performance Computing

## SKILLS

### PROGRAMMING

Python • Shell • C •  $\LaTeX$   
PHP • HTML • SQL • Haskell

### TECHNOLOGIES

Linux • Git • IoT • KVM  
OpenCV • Docker • Pandas  
Mongo DB • scikit-learn  
Selenium • Hyper-V • BSD  
Google Cloud • VMWare  
NumPy • Arduino • Raspberry Pi  
Scrapy

## EXPERIENCE

### DAMAC SOLUTIONS | CONSULTANT

Aug 2018 – Present | Trivandrum, India

- Tasked with evaluation, deployment and maintenance of cloud backup solution

### PROJECT LIFEBOAT | DEVELOPER + TECHNICAL COORDINATOR

Aug 2018 | Trivandrum, India

- Wrote scripts for removing duplicates in data from distress calls
- Assisted deployment, maintenance of servers, coordinated the dev team

### INTERNET OF THINGS LAB | STUDENT FACULTY

Aug 2017 – Present | College of Engineering Trivandrum, India

- Conducted workshops on Raspberry Pi, Arduino, Linux and Python
- Assisted students learning IoT and Linux

### FREE SOFTWARE USERS GROUP TRIVANDRUM | WEBMASTER

Jul 2017 – Jan 2018 | Trivandrum, India

- Tasked with maintaining <http://tvm.fsug.in>

### DEXTRO SYSTEMS | DEVELOPER + SYSTEM ADMINISTRATOR

Dec 2015 – Jan 2017 | Alleppey, India

- Deployed Web servers on RedHat OpenShift
- Tasked with overall development of projects

## PUBLICATIONS

### ENHANCING PERFORMANCE AND RELIABILITY OF NFS

Jul 2018 | IEEE IC4

The paper proposes a number of methods for increasing reliability of Network File System when using the inbuilt Asynchronous mode. Paper published at International Conference for Control Communication and Computing 2018, and is to be uploaded to IEEE Xplore

## PROJECTS

2018	NetDog	Dead simple Configuration management and monitoring
2017	Lightup	Replacement for Intel's xbacklight utility
2017	Buzzer	Zero cost alternative for physical quiz buzzers
2016	Bak	Fast, time-stamped archival of present working directory
2015	SaveMyCode	Automatic archival of directories upon file change
2014	Weather-Get	Retrieves weather info and displays it on the terminal
2011	Modem Reset	Auto reset and reconnect modem upon connection failure

## ACHIEVEMENTS

2018	Winner - Enigma	Linux talent hunt, Nakshatra 2018 @ NIT Calicut
2017	Winner - Enigma	Linux talent hunt, Nakshatra 2017 @ NIT Calicut
2017	Best Paper Award	For "Replacing GUI with Shell" @ Daksha Yantra 17
2016	Best CS Student award	Naipunnya School of Management
2016	Best Performer award	Naipunnya School of Management