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**
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

TECHNOLOGIES
Linux • Git • IoT • KVM
OpenCV • Docker • Pandas
Mongo DB • scikit-learn

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	Resets and reconnects 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