



BEN VARKEY

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TO WHOM IT MAY CONCERN

Respected Sir/Madam,

I wish to offer my candidature for the job position mentioned by your reputed firm. I take this opportunity to submit my application along with my resume to bring to your notice.

As a freshly graduated computer science engineer I am finding this opportunity to become a part of your thriving highly reputed firm where I can utilize and develop new skills and expertise myself for the core benefit of the organization and its customers.

Looking forward to an interview with you, at your convenience. If I am being appointed for your organization, I assure the same to perform my duties diligently and efficiently to the best of my knowledge and ability.

My skills and qualifications are enclosed below in the resume. Thank you for taking the time to review my resume. I look forward to talking with you.

sincerely

Ben varkey

SUMMARY

A very energetic Computer Science Engineering professional, passionate in different latest technologies. Loves to work with people who are supportive and develop skills. Works for the team and with the team always ready to learn. Interested in bare metal programming and software development Arduino, Raspberry pi, Node mcu. Chasing Artificial Intelligence and Machine Learning to make smart computer systems to solve complex problems with help of data, to create intelligent systems and machines with the help of Internet of Things (IOT) and securing these systems with distributed system or chain of systems that think Intelligently in a block of chains.

EDUCATION

- ❖ Karunya Institute of Technology and Sciences B.Tech. Computer science engineering (2017 - 2021), Karunya nagar, Coimbatore with 70.6 %
- ❖ St. John the Baptist's CBSE Junior College 12 PCMC (2016-2017), Nedumkunnam, Kottayam with 72%
- ❖ St. John the Baptist's CBSE Junior College 10 (2014-2015), Nedumkunnam, Kottayam with 76%

SKILL

❖ SOFT SKILLS

- Communication skills
- Problem solving skills
- Team work
- Hard working

❖ TECHNICAL SKILLS

- C/C++
- Python
- JavaScript
- SQL
- OOPs programming
- Data structure and Algorithms
- Bare metal programming (Arduino, raspberry pi, node mcu (ESP8266mode))
- Software development
- Cloud data base(firebase)

ACCOMPLISHMENTS

❖ PROJECTS

- Smart Shopping Solution Aug 2018 – Oct 2018 an IOT project using NFC tags and Arduino
: A team project in 3 semesters. Project using near field communication tags and Arduino to read and write to tags. Also get the data to the mobile application that creates a billing and payment gateway for payment.
- Home automation using google assistant Sep 2018 Home automating using node mcu, IFTTT.
: Project the controls the light and could control other peripherals with node mcu (esp8266) Wi-Fi enabled microprocessor and google assistant with IFTTT
- Smart aquaponics system controlled by Android for Urban farming
<https://github.com/deadwalker10s/l-aquaponics>
: Project that automates the traditional Aquaponics systems. This project explains about the efficient Smart Agriculture System that can be put up in an urban area. This system is not harmful to the nature and also increases the productivity and the food scarcity. The project is monitored by and Android application and controlled by Raspberry pi and Arduino for the connection of sensors.

❖ PUBLICATIONS

- Journal published in Annals of the Romanian Society for the Cell Biology on the topic Smart Aquaponics: Challenges and Opportunities.
<https://www.annalsofscb.ro/index.php/journal/article/view/3718>
: This journal is published to throw a light on the many challenges and the opportunities that can be built in a smart aquaponics system as per my analysis and studies.

❖ COURSES

- Architecting with google compute Engine offered by coursera
<https://www.coursera.org/account/accomplishments/specialization/27QN57WSDAT9>
- IGNITIVE Labs - Completed Foundations of Blockchain Program
Issuing authority EMURGO Academy
https://www.credly.com/badges/e7fd8dd4-5577-440a-a405-89ca7f4d3c09/linked_in_profile

❖ CERTIFICATIONS

- IoT Security Issuing Authority Center for Development of Advanced Computing Issued Aug 2020
Credential Identifier Credential ID ISEA/WISE/00582
- MATLAB Onramp Issuing authority MathWorks Issued Jun 2020
<https://matlabacademy.mathworks.com/progress/share/certificate.html?id=851df597-c079-4664-acaf-3efc7d47176f>

- Architecting with Google Compute Engine Specialization Issued Oct 2019. Credential Identifier Credential ID 27QN57WSDAT9
- IGNITIVE Labs – Completed foundation of blockchain program Issuing authority EMURGO Academy Issued on June 2019 https://www.credly.com/badges/e7fd8dd4-5577-440a-a405-89ca7f4d3c09/linked_in_profile
- E - techcon on AI and ML Issuing authority Hiddenramp.com Issued Feb 2019
- Machine learning, computer vision and image processing: theories and application Issuing authority Department of Mathematics of Karunya university Issued Dec 2018
- IEDC Summit 2018 rebuild Kerala Issuing authority Kerala Startup Mission Issued Nov 2018 Credential Identifier Credential ID IS18P2682
- Internet of Things Issuing authority LEMA LABS Oct 2018
- Internet of things Issuing authority Thick India Issued Sep 2018 Credential Identifier Credential ID IBW189PSG081

INTEREST

- ❖ Gaming
- ❖ Sports
- ❖ Web surfing
- ❖ Trekking
- ❖ Adventure activities

VOLUNTEER EXPERIENCE

- ❖ NCC (C certified) Aug2017 – Feb2020
- ❖ Attendant TEDx AJCE held on May 7, 2019 at Amal Jyothi college of engineering, kanjirappaly.