Karthik G

#T3, 3rd main cross, PMM resdincy, SGS layout, kothnur dinne,J.P Nagar 8th phase
Bangalore 560076, ,
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Career Objective

To have a growth oriented and challenging career, where I can contribute my knowledge and skills to your organization and enhance my experience through continuous learning and team work.

Education

- **Sri Chaitanya English medium high school**
  10th
  60.64%
  2013

- **Vijaya PU college**
  12th grade (2nd puc)
  60%
  2015

- **Sir M. Visvesvaraya institute of technology**
  B. E [Electrical and electronics engineering]
  6.5CGPA
  2019

Technical Skills

- Programming language : C language, C++.
- Front-end language : HTML, CSS, Javascript, basic of jquery ,
- Javascript framework : basic of angular JS and basic of react JS
- Back -end Languages : Python,Basic of PHP
- Back -end Frameworks : Django,
- Database :mySQL, Oracle SQL.
- Microsoft office
- Microsoft Excel
- Machine learning : logistic regression, LDA,k-NN ,SVM,XGboost in python Frameworks :scikit learn, tensorflow,pandas,numpy .
- Microsoft PowerPoint

Certifcations And Training

- Participation certificate as volunteer in swachh MVIT Abhiyan
- Certificate of participation in one day workshop on "digital signal processing and it's application "
- Certificate of" PHP full stack web developer boot camp "from Udemy E learning.
- Certificate of participation in the National seminar on "Innovation in science and engineering ".
- Certificate of participation in project exhibition 2019 held on 10 -06-2019.
- Certificate for the course of c language from NICT Bangalore .
- Certificate for the course C++ from NICT Bangalore .
- The complete javascript course for web development beginner from udemy E learning
- Master HTML from udemy E learning
- Machine learning : logistic regression, LDA, K-NN in python from udemy E learning

Activities

- Actively participate in sports

Interests

- Power electronics
- Full stack development
- Artificial intelligence
- C language and C++coding
- Embedded system
- Machine learning

Intership

- **Karnataka Power corporation Limited**   *6 July 2018 - 6 August 2018*

Volunteer Experience

- Volunteer In swachh MVIT Abhiyan

Projects

- **Monitoring of highway wind power parameter through IOT and automatic controlling highway light**

  10 months

  The objective of the project is to design a wind turbine to capture wind energy from moving vehicles on the highway. Wind energy is considered as the fastest growing clean energy source however; it is limited by variable speed of natural wind. Highways canprovide a considerable amount of wind to drive a turbine due to high vehicletraffic. This energy is unused. Extensive research on wind patterns is required todetermine the average velocity of the wind created by oncoming vehicles. Thewind turbines will be placed on the medians therefore fluid flow from both sides ofthe highway will be considered in the design. Using all of the collected data,existing streetlights automatically control and monitoring the parameter throughthe IOT from the base station on the medians can be fitted with these windturbines. Additionally, since the wind source will fluctuate, a storage system forthe power generated will be designed to distribute and maintained.

Personal Profile

- Date of Birth   : 30/10/1996
- Marital Status   : Single
- Nationality   : Indian
- Known Languages : Telugu, Hindi, Kannada, English, Tamil
- Hobby   : Tennis, watching TV, reading books, cooking,playing games ,
- Father Name   : Govindaraju

Declaration

I hereby declare that the information furnished above is true to my knowledge.

Date : 03/ 08/2020
Place : Bangalore