


R.AJITH KUMAR

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Summary

I believe that as an engineer in this continuously demanding and developing world, an open mind leads towards endless possibilities. Possibilities that can change the way people think and function. Based on this, I always follow a simple principle to achieve goals Work Smarter. This principle helps me deliver performance that exceeds expectation.

Career Objective

As a self-motivated and responsible person, seeking for such professional environment where enhancing professional and developing problem solving skills are well appreciated. At the same time looking forward to challenging and growth-oriented tasks that help to prove the best of my ability in achieving the objective of the job.

Academic Details:

2018- 2022

B.E. Mechanical Engineering / HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

CGPA **8.32**

2018

HSC / G.G.S.M. HIGHER.SECONDARY. SCHOOL

Percentage-81%

2016

SSLC / G.G.S.M. HIGHER.SECONDARY. SCHOOL

Percentage-94%

Technical Skills:

- JAVA SCRIPT
- HTML & CSS
- FRONT END DEVELOPING
- GRAPHIC DESIGN
- CAD/CAM.
- AUTOCAD.
- Basic of C,C++
- MS Office

Personal skills:

- Project Management
- Strategic Planning
- Communication
- Crisis Management
- People Skills

Additional Information

Seminar:

- Inspire India youthcon 2019 conference
(Kumaraguru college of Engineering)
- IEEE Sponsored Two days Hands on Training on Embedded System with IOT
2019 Hands on Training
(Sns college, Coimbatore)

Workshop:

- KCT YUGAM 19 Workshops Workshop
(Kumaraguru college of engineering,coimbatore)
- Yugam 2019 Techno Cultural Fest
(Kumaraguru college of engineering,coimbatore)

Certification:

- Cambridge English Certificate in ESOL International (Business Vantage)
- Cambridge English Language Assessment (April 2019)
- Introduction to machine learning in production (Coursera)

Courses:

- MERN Full Stack Developing
(PRESENT)

Extra-Curricular

Sports:

Winner of the zonal level inter level school hockey tournament held at Sirkali – 2017.

Runner in District level hockey tournament held at sirkali-2017

Projects:

Fly Wheel Free Energy System: Flywheel energy storage uses electric motors to drive the flywheel to rotate at a high speed so that the electrical power is transformed into mechanical power and stored, and when necessary, flywheels drive generators to generate power. The flywheel system operates in the high vacuum environment.

Performance Analysis on Solar Assisted Heat Pump with PV Collector:

PV/T (photovoltaic/thermal) technology is a combination of PV module (photovoltaic utilization) and collector (photothermal utilization), which can improve the comprehensive utilization efficiency of solar energy and has a broad application prospect. In this project, PV/T module is coupled with heat pump evaporator to form a direct-expansion solar PV/T heat pump which is suitable for heat application in high latitude area. To achieve stable residential heating, a solar PV/T heat pump system coupled with build-in PCM (phase change material) heat storage is therefore proposed and simulated.

Declaration:

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

R. Ajith Kumar