Illuri Poojitha

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Aspiring Web Development

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EDUCATION

Imarticus Learning Hyderabad

Full stack developer (78.79%) 2023-2024

Bomma Institute of Technology And Science College

Bachelor of Technology in Electrical And Electronics (74.89%) 2020 - 2023

Bomma Institute of Technology And Science College

Diploma in Electrical And Electronics (76.85%) 2018 - 2020

ZPGHS Madhira Khammam

Secondary School Certificate (8.8%) 2009 - 2017

PROJECTS

Online Jobs Board —

- This project is about the recruitment process which is done online. The recruitment process here is handled by the system. This project will allow the person to apply for a job in the company for the interested vacancy which would be available at the company.

-The person will be having the account after registration and will be then called the applied user. If he would be qualified, he would be interacting with the system for the updates. The project is created for fulfilling the requests of the company managers so that the recruitment module can be placed in the company's website and the users who visit the website can view the vacancies in the company and will be able to apply directly from remote places.

- The vacancies will be posted by the administrator on the basis of the needs of the manpower in the company.

Weather Forecast

Developed a real time Weather Forecast web application for any location which provides various details such as temperatures, wind speed, humidity, chance of rain etc.-

SKILLS

TECHNICAL SKILLS: JAVA programming language , Html ,CSS, JavaScript , React ,Node.JS MATLab (Circuit Designing). MS- Office.

SOFT SKILLS: Communication Skills , Time Management , Leadership , Creativity .

AWARDS

IIT DEVELOPMENT COUNCIL OF INDIA NCO TEAM (2014-2015) Ranked as B+.

6-Months of Industrial Training Program work at GOWTHAMI BIO-ENERGIES PVT.LTD. GOPALAPURAM KAHMMAMA (Dist).

Certificate of merit in recognition of proficiency in Academic having attained SECOND Place.

Double Stage Solar PV Array Integrated UPQC for Three Phase Four-Wire Distribution System—

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The concept of green energy conversion systems integrated with the distribution network is the recent trend. Such a system integrated with the utility grid has the potential to overcome the variable output and improve the power quality (PQ). Especially the harmonics due to nonlinearity of power load.

Performance of the presented system for steady state and dynamic state is demonstrated in this section. The wave forms presented are phase voltages of the grid. It is observed that the THDs of load V-I are respectively 1.57% and 2.86%.

Development of Wind and Solar Based ACMicrogrid with Power Quality Improvement for Local Nonlinear Load using MLMS—

• The switching controls and the reconfigurability of the μ -grid are addressed on imperative aspects of improving power quality (PQ), power reliability, nonlinear load compensation, and economic utilization of resources. The

MVSC acquires its switching signals from conventional vector control scheme and the encoder less estimation of speed and rotor position of the synchronous generator driven by wind turbine through back electromotive force control technique.

The proposed wind-solar ac microgrid has been designed and implemented to illustrate its improved PQ performance for local nonlinear load using MLMS adaptive control. .

Solar Tracking System—

• Photovoltaic power generation system (PV system) is a device which changes the solar power into the electricity by solar cells and the principle of solar cells and principle of solar cell use of semiconductor materials electronics characteristics of P-V conversion.

This clearly shows that the solar tracking system is more e cient in capturing sunlight and converting it into electricity. In conclusion, the results show that the single axis system with tracking is more e cient compared to the fixed axis system without tracking.

LANGUAGES

English, Hindi,telugu