VEERA BRAMHA VISHAL PUTHA

EMAIL ID pvishalinfo@gmail.com
CONTACT NO. 7989008730

CAREER OBJECTIVE Looking for a challenging and responsible opportunity, explore strengths and potentials and to gain experience from a professional organization to meet employer expectations and to continuously develop my technical skills in the field of embedded systems with a view to join a team of professionals and to work with a progressive company for a long and rewarding career.

WORK EXPERIENCE I have worked in Tata Consultancy Services(TCS) in a Technical region

as a Technical support in the TTSL project from 10-02-2022 to 07-03-2023.

TCS – Associate Systems Engineer

TECHNICAL SKILLS 1. SQL 2. Linux OS Commands 3. C programming language
4. Ubuntu 5. AWS cloud

PERSONAL ATTRIBUTES Quick learning of new initiatives
Dedication and performance towards work, Attentive towards the work
Good listener

EDUCATION (EEE) – Vaagdevi institute of technology and science, Proddatur- 7.5 CGPA

DIPLOMA (EEE) - Government polytechnic college - 71%

S.P.C.N.M High school – 95

PERSONAL INTERESTS learning new things, watching thriller movies, playing outdoor games

Listening to Music, Workouts

ACADEMIC PROJECTS

11- Level Cascaded (H- bridge) Grid tied Inverter interface using Solar Panels.

Description: This Project presents a single-phase 11-level (H-bridge) cascade grid-tied inverter interface using solar panels. Each inverter bridge is connected to a 200 W solar panel. OPAL-RT lab was used as the hardware in the loop (HIL) real-time control system platform where a Maximum Power Point Tracking (MPPT) algorithm was implemented based on the inverter output power to assure optimal operation of the inverter when connected to the power grid as well as a Phase Locked Loop (PLL) for phase and frequency match. A novel SPWM scheme is proposed in this Project to be used with the solar panels that can account for voltage profile fluctuations among the panels during the day. Simulation and experimental results are shown for voltage and current during synchronization mode and power transferring mode to validate the methodology for grid connection of renewable resources.

This improves the output power and efficiency, reduces the harmonics in the inverter output and gives the sturdy output Using solar power as input.

Command Line Test :

Description: Command line test is a BASH shell based tool that simulates login based online testing scenario. Initially the user will be provided with a sign-in option where pre-defined users will be allowed to log in. Upon successful login this tool will display questions for the user from existing data-base. It will also handle error conditions like time-out. This tool will also store answers provided by users for future verification.

LSB Image Stegenography :

Description: Steganography is the art of hiding the fact that communication is taking place, by hiding information in other information. Many carrier file formats can be used, but digital images are the most popular because of their frequency on the internet. For hiding secret information in images, there exists a large variety of steganography techniques some are more complex than others and all of them have respective strong and weak points. Different applications may require absolute invisibility of the secret information, while others require a large secret message to be hidden.

Steganography is the practice of hiding private or sensitive information within something that appears to be nothing out of the usual. Steganography is often confused with cryptology because the two are similar in the way that they both are used to protect important information. The difference between two is that steganography involves hiding information so it appears that no information is hidden at all. If a person or persons views the object that the information is hidden inside he or she will have no idea that there is any hidden information, therefore the person will not attempt to decrypt the information.

INTERNSHIP

>- **Andhra Pradesh State Power Distribution Corporation Limited**   April 2017- Jun 2017
     Title: **Maintenance and testing of relays**
     Skills: Relays and circuit breakers

PERSONAL INFORMATION

Date Of Birth	11-02-2000
Country	INDIA
Father's Name	Viswanath Putha
Gender	Male
Languages Known	Telugu, English
Address	Rameswaram, proddatur, Kadapa(dist.), Andhra Pradesh, pin code - 516360

I hereby declare that all above information is in correct with factor truth up to my knowledge and I bear the responsibilities for the correctness of the above-mentioned particulars.

Veera Bramha Vishal Putha