

## KATAM KIRAN

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### Career Objective:

To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills toward the growth of the organization.

### Professional Experience:

**Young Minds Technology Solutions Pvt. Ltd| Tirupati,**

**July 2018-Till date**

**Designation:** MATLAB/Simulink Engineer

**Role:** Model Based Design Approach MATLAB/Simulink, State flow, MIL, SIL & M-script.

### Professional Summary:

- Working as a model-based developer in power systems and power electronics
- Expertise in the model development process through physical system modelling (Simpower systems)
- Knowledge on model in loop development (MIL).
- I have successfully completed projects on my own and in groups ranging from 3 to 10 people.
- Good experience in executing IEEE papers.
- Extensive project delivery experience and interaction with customers and users to meet project criteria and deadlines
- Experience in mentoring at the junior level
- Good written and oral communication skills, is flexible, willing to learn new skill sets, a self-learner, and has strong analytical and interpersonal skills.

### Technical Skills:

Domain	Power Electronics & Power systems.
Matlab Tools	MATLAB/SIMULINK, STATEFLOW, SIMPOWER SYSTEMS TOOLBOX.
OS	Windows

### Project details:

#### Project 1:

Project Name	Fuzzy Logic Control for Solar PV Fed Modular Multilevel Inverter Towards Marine Water Pumping Applications
Description	The main objective of the project is to control the induction motor drive using intelligent techniques for marinewater pumping applications.

#### Project 2:

Project Name	Implementation of Solar PV- Battery and Diesel Generator Based Electric Vehicle Charging Station
Description	The main objective of the project is Regulating the frequency and voltage of dg set without a mechanical automatic voltage regulator.

**Project 3:**

Project Name	Control and Management of Railway System Connected to Microgrid Stations
Description	The main objective of the project is to propose techno-economic method for energy storage by using super capacitor in the train.

**Educational Qualification & certifications:**

Qualification	Year of Passing	Board/ University	Institution	Percentage
B. Tech (EEE)	2015	JNTUA	Annamacharya Institute of Technology and Sciences	71.08%
Intermediate (MPC)	2011	Board Of Intermediate	Vijayavani Jr. College	88.1%
Class X	2009	S.S.C	S.V.R High School	85.83%

- Received certification for participating in Energy storage & Plug-in Electric Vehicle in smart Grid: challenges and opportunities in Audishankara Group of Institutions, in year 2020
- Actively participated in college cultural and sports events.

**Strengths:**

- Good team leading capability
- Competent “People Person” with trilingual English-Hindi-Telugu Skills.
- Practical Thinker and Quick Learner.
- Team work
- Creativity
- communication

**Personal Details:**

Name : Katam Kiran  
 Father's Name : K. Samba Siva  
 Date of Birth : 14-06-1994  
 Language Proficiency: English, Hindi, Telugu  
 Nationality : Indian  
 Marital Status : Unmarried  
 Hobbies & Interests : Photography, Music, Cycling, Chess.

**Declaration:**

I hereby declare that the above information is correct and I am responsible for its accuracy.

**Place:****Date:**

**K Kiran**  
**Signature:**