

# Pavan Jegurupati

To work in a challenging environment and expand my skills to the best while contributing to the growth of the organisation.



pavanjegurupati75@gmail.com

+91 8978635795

linkedin.com/in/pavan-jegurupati

github.com/pjrepo

## EDUCATION

### Bachelor of Technology NIT Warangal

08/2016 - 05/2020

6.08/10

#### Courses

- Electrical & Electronics Engineering

### Intermediate Sasi Junior College

2014 - 2016

Aggregate:98.4

## POSITIONS OF RESPONSIBILITY

### Branch Representative Electrical and Electronics Engineering Department

2017 - 2018

### Sub Co-ordinator Hospitality and Transportation, Publicity and Media Relations

2018 - 2019

### Joint Secretary IEEE student body, NITW

2018 - 2019

## ACHIEVEMENTS

Qualified for UPSC Civil Services (Main) examination

2nd place in Essay Writing competition conducted by Telangana State Government as a part of Vigilance Week initiative

Recipient of National Scholarship issued by Ministry of Education on the basis of Merit

Secured a rank of 1194 in JEE Mains 2016

Secured a rank of 825 in AP EAMCET 2016

Secured a rank of 19 in AP PolyCET 2014

## TECHNICAL SKILLS

Node JS

React JS

Javascript

OOP

Data Structures & Algorithms

REST API

Redux

Mongo DB

SQL

HTML

CSS

C++

## PROJECTS

Portfolio (Lists all my personal projects and blogs) [↗](#)

- Expense Tracker
- Task Manager
- Cryptocurrency Tracker
- Sorting Visualizer
- Admin Dashboard
- Cocktails API
- Retro Snack Game
- Tic-Tac-Toe Game
- Color Picker Chrome Extension

### Smart Energy Meter

- Built a low cost, efficient smart energy meter using AVR ATmega 16 Microcontroller with the help of WIN AVR and ATMEL studio softwares.

### Speed Control of BLDC Motor

- Modelled a brushless DC motor with trapezoidal waveforms of back emf using Simulink/Matlab. Torque ripples are minimized by using direct torque control method in 3 level and 4 level inverter.

## STRENGTHS

Good Problem Solving skills

Analytical in nature

Persistence

Team Player

## INTERESTS

Playing Cricket

Content Writing

Listening Music

Reading Newspaper