

SOWMYA GUNTURU

Quick Learner

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EDUCATION

Indian Institute of Information Technology Design and Manufacturing Kancheepuram, Chennai — *B . Tech*

2016 - 2020

- Electronics and Communication Engineering with Specialization in Design and Manufacturing.
- CGPA - 8.71/10

Sri Chaitanya Junior College, Vijayawada — *XII class*

2014 - 2016

- Board of Intermediate Education, A.P.
- Percentage - 98.6

Sri Chaitanya Techno School, Vijayawada — *X class*

2013 - 2014

- Andhra Pradesh Board of Secondary Education
- Percentage - 95

EXPERIENCE

L&T Technology Services, Bangalore—Associate Engineer

January 2021 – present

- BI APP - web scraping, storing data to database, retrieving data and generating reports using python

L&T Technology Services, Bangalore— On Job training

July 2020 – December 2020

- C++ object oriented concepts, inheritance, STL concepts
- Mini projects on analysis of datasets using STL concepts and oops.
- Multi-threading programming - C, C++
- Unit testing in C and C++ using Unity and GoogleTest framework.
- Bare metal programming of tm4c123gh6pm - Timers, Counters, USART, ADC, interfacing sensors.

Efftronics Systems Pvt. Ltd., Vijayawada— Internship

May 2019 - September 2019

- Worked on ARM CORTEX M4 LPC54608.
- Developed a part of firmware for Analog Module.



PROJECTS

New Topology of Buck-Boost converter for renewable applications —

- Continuous input and output port currents.
- Gain higher than Quadratic buck-boost converter.
- Simulation and Hardware results.

SKILLS

- C
- C++
- Python
- Linux
- Embedded C

STRENGTHS

- Flexibility
- Adaptability
- Learning Agility
- Self-motivated

LANGUAGES

- English
- Hindi
- Telugu

GATE 2020

- Qualified
- AIR - 5619