

# Srivarun Reddy Vanga

## UNDER-GRADUATE STUDENT

Guntur, Andhra Pradesh  
India



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<https://varunreddyvanga.github.io/resume>



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## Objective:

Seeking for a responsible position, Eager to kick-start my career with a reputable company that offers opportunities for skill development and career advancement. I aim to leverage my skills to contribute positively to the organization's objectives and foster personal growth.

## Education Details:

- 2022 - Current (Pursuing)  
**Bachelor's in technology | ELECTRONICS AND COMMUNICATION ENGINEERING (SPECIALIZED IN VLSI)**  
KL University, Guntur.
- 2019 – 2022  
**Diploma | MECHATRONICS ENGINEERING AND SMART FACTORY**  
Nettur Technical Training Foundation, Electronic City, Bangalore.
- 2018 – 2019  
**High Schooling | SSC**  
Dr.KKR Gowtham Concept School, Guntur.

## Skills:

Programming:	<b>Verilog System Design, C, Java, Python, HTML, CSS, PLC Ladder Logic, Embedded C.</b>
Industrial Automation:	<b>Industrial Robotics (Teach Pendant), CNC, Electro (Pneumatics &amp; Hydraulics), PLC Controller.</b>
Tools & Software:	<b>Cadance, Siemens TIA Portal, Cadance, NI Multisim, MATLAB, Autodesk Fusion 360, MPLAB IDE.</b>
Machine & Equipment:	<b>Siemens S7(300, 500), FANUC LR MATE 300(IC, ID), CNC Machine, E-Pneumatic Controller, HMI.</b>
Material Handling Work:	<b>Machine Tool Works, Lathe Machine, Workshop Management and Safety, Welding.</b>
Soft Skills:	<b>Leadership Skills, Effective Communication, Quick Learner, Responsible.</b>

## Projects & Accomplishments:

### KL – SAT 2(KL ZAC Module(2A), CAN Module(2B)):

Ongoing\*

- Two modules of Ballon Satellites will be launched, KL ZAC and CAN Module.
- Designed a website for satellite launch and data panel broadcasting over 1 lakh viewers
- Developed [Frontend web development](#) and [satellite communication](#).
- Travels for an Altitude of 35kms and vertically 80 kms and studies Atmospheric parameters and equipped with GPS positioning and biological sensors.
- My Design: <https://varunreddyvanga.github.io/KL-SAT2>

### VERILOG BY VARUN WEB:

Ongoing\*

- Designed a website for helping students to learn Verilog System Design and Verilog Programming, created with complete Verilog learning course.
- Designed using [HTML](#), [CSS](#), web page [Front- end development](#) and [Verilog System designs](#).
- Web-Portal: <https://varunreddyvanga.github.io/verilogbyvarun>

## Publications:

### KL SAT – (A MISSION ASSISTED FOR STUDY OF ATMOSPHERIC PARAMETERS AT STRATOSPHERE):

#### Research Paper – eCF Paper id #1571025661

- Launched KLSAT Ballon Satellite that travels horizontally 35kms, defines the complete process of design.
- Focused on Satellite Electronics Commucation and Web designing, Space Research.
- Accepted for Presentation at the Conference and for forwarding for publications in the Proceedings of 2024 IEEE Space on IEEE Xplore.

## Corporate Experience:

- Apr 2022 – May 2022 (2 Months)

#### Addverb Technologies Pvt Ltd | DIPLOMA ENGINEER TRAINEE

Noida, Uttar Pradesh

- After Sales Team, Responsible for the maintenance of Warehouse Automation System (WAS), Warehouse Control System (WCS).
- On-site at Customer B2B Worksites – Reliance Retail, Bangalore.
- PLC Controller Electronic and Software Programming Management.

## Certifications:

- **Tessolve Semiconductors** | Embedded & IOT Programming
- **Tessolve Semiconductors** | VLSI Design & Verification
- **Tessolve Semiconductors** | Artificial Intelligence level - 1
- **INTERNATIONAL DIPLOMA | MECHATRONICS ENGINEERING AND SMART FACTORY**  
2019 – 2022 (Diploma) | **NATIONAL OPEN COLLEGE NETWORK(NOCN)**, Bangalore.
  - Collaborated with NTTF and Virtual Diploma.
  - International Diploma Credits from NOCN.
  - Organization with UNITED KINGDOM Government approval and Internationally approved credits.

## Languages:

**ENGLISH:** Full Professional Proficiency

**HINDI:** Limited Working Professional

**TELUGU:** Native and bilingual Language