**Venkata Sreekar Mallela** *Plot No. 5, Jai Nagar Colony, Sikh Village, Sec-bad, 500009*

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Summary

To utilize my creative skills and problem-solving abilities to enhance my knowledge for the betterment of the society.

Technical Skills

**Languages** : Verilog HDL, VHDL, Python, C, C++, SQL, JAVA

**Design Tools** : Used Xilinx 14.7 for VHDL and Arduino for NodeMCU

Experience

* **Intern**, Electronics Corporation of India Limited, Hyderabad, IN **18 May 2019 – 17 June 2019**
  + Design and Implementation of advanced encryption standards and cryptography using encryption of digital codes using Verilog HDL.

Workshops/Trainings

* **Quadcopter Assembly,** Anurag Group of Institutions**,** Hyderabad, IN **February 2019**
* Guided a team of 12 in understanding, assembling and operation of a Quadcopter and competed in an obstacle race.
  + **IOT using Arduino Programming for NodeMCU**, Vorton Technologies, Hyderabad, IN **June 2019**
    - Operation of Household appliances over Wi-Fi after integration with NodeMCU through Blynk Server.
  + **Self-Driving three wheeled Robot,** CMRIT, Hyderabad, IN **August 2019**
* Part of a team of 5 involved in assembly and operation of a three wheeled robot with self-driving capability.

Education

* **B. Tech (3rd Year) in Electronics and Communication Engineering**: **GPA 8.0**

CMR college of Engineering and Technology, Hyderabad *Expected Graduation: June 2021*

* **AISSCE (Class 12) in Mathematics, Physics, Chemistry and Computer Science** **GPA**

Kendriya Vidyalaya Picket, Secunderabad May 2017

* AISSE (Class 10) **GPA 10.0**

Kendriya Vidyalaya Picket, Secunderabad May 2015

Achievements and Activities

* Part of a Gold medal winning team in C-Zone Telangana State Inter collegiate Football Tournament.
* First Prize in JAVA, C and C++ based Coding competition at Osmania University, Hyderabad.
* Actively looking for ways to implement Machine Learning, AI and IOT concepts for betterment of human society.
* Passionate Guitarist with Grade 2 certification.