

**SURYA SAI RAJA BURRA**

Email: [suryasairaja@gmail.com](mailto:suryasairaja@gmail.com)

Mobile: +918522831143

## CAREER OBJECTIVE

Looking for opportunity in Physical Design where I can utilize my technical abilities for the growth of organization through continued development of professional skills.

## EDUCATIONAL DETAILS

- BTech in Electrical and Electronics Engineering [2021] with aggregate of 7.74 CGPA from Pragati Engineering College
- Intermediate[2017] with aggregate of 77.4% from Narayana Junior College
- Class X [2015] with aggregate of 8.3 GPA from Pratyusha Public School

## PROFESSIONAL TRAINING

- Having Training experience at Avenir VLSI Institute in Physical Design Block Level Implementation from 2022 Aug to Till Date at Hyderabad.
- EDA Tools Hands-on Expertise:
  - For Physical Design: Synopsys ICCII
  - For Physical Verification: Synopsys ICV (OR) Mentor Graphics Caliber
  - For STA: Synopsys Primetime Tool & Star RC
  - For Formal verification: Synopsys Formality tool
  - For Low power analysis: Apache Red Hawk for IR-RV

## TECHNICAL QUALIFICATION

- Familiar with ASIC Design Flow.
- Comprehensive knowledge of physical design implementation
- Worked on technology node like **28nm**.
- Hands on experience on ICC2 tools **SYNOPSYS**.
- Familiarity with UNIX, TCL Scripting Languages
- Input Files, Sanity Checks
- Floor Plan , Placement , CTS
- Routing & Signoff

<b>Block</b>	<b>ORCA_TOP</b>
<b>Role</b>	Implementation of Blocks from Netlist GDSII, Timing closure
<b>Technology Node</b>	28nm
<b>Metal Layers</b>	9 metal layers
<b>Number of clocks</b>	6 clocks with 450Mhz maximum frequency
<b>I/O pins</b>	237
<b>Macros</b>	40
<b>Instances Count</b>	52k
<b>Voltage Domains</b>	Multi-voltage domain (VDDH: 0.95 to VDD: 0.75)
<b>Tools used</b>	ICC2, Star RC, Prime Time

## PERSONAL DETAILS

Name : Surya Sai Raja Burra  
 Father Name : Siva Rama Krishna Burra  
 Gender : Male  
 Date of Birth : 20/11/1999  
 Marital Status : Unmarried  
 Nationality : Indian  
 Languages Known : English & Telugu  
 Address : Flat no: 201, Swarnamayi Appartment, G.Mamidada, Pedapudi Mandal, Andhra Pradesh-533344

## DECLARATION

I hereby declare that the information given about me is true to the best of my knowledge and belief.

Place: Hyderabad

B. Surya Sai Raja