VENKATESH K

Career intention: I want to utilize my training skills and knowledge to secure responsible career. I want to be part of success of company. I want to be a leader of the project and lead my team with my passion.

Professional Training: An Industry Oriented Trainee in **VLSI PHYSICAL DESIGN** from **VLSI FOR ALL Pvt. Ltd,** Hyderabad, Telangana.

Academic Qualifications:

Qualification	Institution	Year Of Passing	Percentage (CGPA)
Bachelor Of Technology (Electronics and Communication Engineering)	TKR COLLEGE OF ENGINEERING AND TECHNOLOGY, HYDERABAD (T.S)	2018-2022	7.21
Intermediate	Shraddha Junior college, Mahbubnagar	2016-2018	93%
Class 10th	Eileen memorial school	2016	8.8

Project summary:

ORCATOP:

Project	ORCATOP
Description	Block level implementation of ORCATOP Design with 40 macros with a frequency of 433 MHz
Challenges	• Placement of Macros such that they can communicate with each other, I/O ports and with Standard Cells that will be placed later with minimum routing resources. • Designing the power plan such that every pre-route row gets PG connections. Creating Routing blockages for pre-route rails at places where power cannot be supplied, to avoid floating shape errors.
Nodes/technologies	32nm
Inst count & macros	54k & 40
tools	ICC2

Academic project:

Project	Detection Of Non-Helmet Rider & Extraction of License Using YOLO V2 & OCR
Description	• The main purpose of this project is to extract the license plate using OCR • By using YOLO V2 we will check person with bike. • By using YOLO V3 we will check person wearing helmet.

Skill set:

> ➢ Hands on exposure on Physical Design.
> ➢ Good knowledge on Synthesis, Floorplan, Placement, CTS and Routing.
> ➢ Theoretical knowledge of Digital Fundamentals
> ➢ Good knowledge on STA

Tools Experience:

PNR: ICC2, Fusion compiler

Synthesis: DC, Fusion compiler

STA: Open compiler, prime compiler

Scripting Languages: Basic of TCL

Personal details:

Father name	Kollur Lingappa
Mother name	K Ananthamma
Address	H-no:1-00, Karni(village), Makthal(mdl), Narayanpet(dist.), Telangana-509208
Languages Known	English, Telugu, Kannada
Personal mail id:	kv9427229@gmail.com

Declaration:

I hereby declare that the contents of my resume are accurate to the best of my knowledge and verify their authenticity.

Date: **Name**

Place: Hyderabad   **K Venkatesh**
                                                                                                             6303210627