

## Profile Information

RV-VLSI ID: 1ADADB263528

## Career Objective

- Looking for an opportunity to work as a physical design engineer to improve my current skills and challenge my abilities in ASIC Physical Design Field

## Core Competancy

- Comprehensive knowledge of ASIC Physical design flow.
- Familiar with scripting language like TCL,perl,shell
- Understand the need for a good floor plan, macro placement
- Good problem solving and ASIC development/debugging skills
- Self motivated with focus on process improvement and efficiency
- Ability to define problems, issues , analyze data and draw logical conclusion
- Worked on STA in primetime

Education Details				
Degree	Discipline	School/College	Year of passing	Aggregate
PG Diploma	Advanced Diploma in ASIC Design	RV-VLSI Design Center	2015	-
Degree	Electronics and Communication	KLS Gogte Institute of Technology Belgaum	2012	71.48
PUC	-	Raja Lakhamangouda PU College Belgaum	2008	87.5
SSLC	-	St. Xavier's High School Belagum	2006	89.6

## Project Details

<b>Project Title</b>	Block level Physical Design of 180nm technology Torpedo Subsystem
<b>Institute Name</b>	RV-VLSI Design centre
<b>Project Description</b>	Torpedo subsystem uses 180 nm technology node with supply voltage of 1.85V, Operating frequency of 400 MHz, Area 5.9 sqmm, power consumption 300mw, 6 metal layers are used, Floor planning, Power Planing, Placement, CTS, Routing, DRC ,LVS
<b>Tools Used</b>	IC Compiler
<b>Challenges</b>	Creating the floorplan within available core area. Macro placement keeping in mind the data flow , logic clusters and also reduce congestion. Power planning, generating power straps which meet the required target power drop. Analysis of timing report

<b>Project Name</b>	Basic infrastructure for implementation of Common Mobility Card using mbed technology
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<b>Institute Name</b>	KLS Gogte Institute of Technology Belgaum
<b>Project Description</b>	Using mbed microcontrollers (NXP LPC 1768) and RFID tags to swipe in and out of stations at entrance and exit barricades, making it cashless.
<b>Challenges</b>	Providing solutions to all possible usage factors and potential loop holes
<b>Tools</b>	Microcontroller (NXP LPC 1768) Ethernet protocol and RFID tags. Maintained a database for storing transactions by users using MYSQL.