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

Project Title	Block level Physical Design of 180nm technologhy Torpedo Subsystem
Institue Name	RV-VLSI Design centre
Project Description	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
Tools Used	IC Compiler
Challenges	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

Project Name	Basic infrastructure for implementation of Common Mobility Card using mbed technology

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