



GIRISHA K J

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ABOUT ME

My passion, dedication and technical skills in the field of VLSI Design by continuously learning are the key factors to contribute myself to the required solutions in favor of an organization that will give me an opportunity to maximize my skills.

SKILLS & PROFICIENCIES

- Basics of Linux and TCL.
- Hands on with DC, ICC2, PT and ICV.
- Exposure to Open source EDA tools .
- Hands on with Cadence Virtuoso .
- Hands on with Xilinx.

PROJECTS - VLSI

CHIPTOP

Technology/Layers : 14nm, 9Metal Layers
4 Macros, Std cells : 6284
No. of Clocks : 1
Tools : DC, ICC2, PrimeTime, ICV
Role: Synthesis, Design Planning, PNR, STA , PV.

JBI

Technology / Layers : 28nm / 9 Metal Layers.
Gate count : ~200K+ , Macros : 24.
Std Cells : 38415
No. of Clocks : 5, Frequency : 250 MHz
Tools Used : DC, ICC2, Prime-Time, ICV
Role : Synthesis, Design Planning, PNR, STA , PV.

FALCON

Technology/Layers : 28nm / 9Metal layers
16 Macros : 731K + , Std Cells : ~45K
No. of Clocks : 3, Frequency : 172.4 MHz
Tools Used : ICC2, Star-RC, ICV, Prime Time.
Role : Synthesis, Design Planning, PNR, STA , PV.

ACADEMIC PROJECT

Non-Invasive Method of Diabetes Monitoring.

WORK HISTORY

Physical Design Trainee

Chipedge Technologies

June 2022 to September 2022

Well versed with the ASIC flow (RTL to GDSII) and stages involved in synthesis and Physical Design. Having technical exposure to floorplan, Place and Route , CTS, Timing Analysis , DRC, LVS .Worked on technology nodes like 28nm. Hands on experience EDA tools and exposure Open-source EDA tools. Having working knowledge of Linux operating system and TCL.

Executive/BPM/ABPM

India Post

March 2020 to present

Network Engineer

Quadgen Wireless solution

November 2018 to January 2020

EDUCATIONAL BACKGROUND

VTU

Bengaluru

Reva Institute of Technology and Management

Bachelor of Engineering in Electronics and Communication

2014-2018

CBSE

Jawahar Navodaya Vidyalaya Mandya

Class VIth and XII th in JNV Mandya

2007-2014

MORE ABOUT ME

LANGUAGES KNOWN

Regional - Kannada, Telugu and Hindi .

Native English.

Cocurricular Activities:

- Won several medals at district level Kabaddi.
- Sports Captain at Collège level.
- Coordinator in school golden jubilee programme.
- Coordinator in college cultural fest Reva Fest 2018.