

# Priyanka Ashwinikumar Shouche

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## OBJECTIVE

To build my career in VLSI domain and looking for opportunity to improve my technical abilities in Physical Design that can contribute to organization's growth as well as enhance my knowledge in this field.

## PROFESSIONAL EXPERIENCE

### INTERNSHIP, VLSI Guru Training Institute

Role : Trainee.

JULY 2022 - FEB 2023

A 7 months internship program includes,

**Digital Electronic**, Combination and Sequential circuits, FSM, Memories.

**Basic PD**, CMOS design, ASIC flow.

**Advance PD**, Floorplan, Powerplan, Placement, Clock Tree Synthesis, Routing.

**STA**, STA basics, Timing path and constraints, Different types of clocks.

## EDUCATION

Course	College/ School	University/ Board	Aggregate
BE [E&TC]	NDMVP's Karmveer Baburao Ganpatrao Thakare College Of Engineering	Savitribai Phule Pune university	9.06 CGPA
Diploma	NDMVP's Rajarshi Shahu Maharaj Polytechinc	Maharashtra State Board of Education	84.54%
10th	Dr. Kakasaheb Deodhar English School	Maharashtra State Board of Education	88.20%

## INTERNSHIP PROJECTS (VLSI-Domain)

- **ORCA TOP (Multi Voltage, Block Level)**

Hard macros: 40  
I/O Ports: 240  
Frequency: 450MHZ  
Number Of Clocks: 8(3 main clocks,3 generated clocks, 2 virtual clocks)  
Process Technology: 28nm, 9 routing layers  
Complexity: 52k gates (approx.)

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## ACADEMIC PROJECTS

- **Fog Based Handwash**

Cleaning of hands by using fog to save water.

- **Automatic Attendance System using RFID**

System provides wireless identification of stakeholders when fall in the range of RFID reader.

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## SKILLS

- TCL Scripting language.
- Digital electronics and CMOS design.
- ASIC flow (RTL to GDSII).
- Floorplan, Powerplan, Placement, CTS, Routing and STA.
- Application Software: ICC2, GVIM, Cygwin.

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## PERSONAL DETAILS

- **DOB:** 19-03-2000
- **Gender:** Female
- **Nationality:** Indian
- **Location:** Nashik (Maharashtra)
- **Languages:** English, Hindi, Marathi.

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## DECLARATION

I hereby declare the above-furnished details are true to the best of my knowledge.

Date: 09-02-2023

Priyanka Ashwinikumar Shouche