

Ms. Thiruveedhi Mounika

thiruveedhimounika@gmail.com

Ph: 9912703617

Professional Summary

Overall experience of 2 years in Physical Design

Company Name : Frenustech Privated Limited

Client Name : Microchip

Duration : march- 2021 to Feb -2023

EDA Tool Experience and Scripting Skills:

- **PNR Tool:** Innovus
- **Verification:** DRC, LVS – PVS
- **Languages:** Shell scripting, TCL scripting
- **Operating Systems:** Linux, Windows

Projects:

Project 1

Role: PnR

Tools: Innovus

Technology: 16nm

Client: Microchip

Duration: july-2022 to feb-2023

Instance Count: 900k

Frequency: 1000MHz

Responsibilities:

- Implementation from Netlist to GDSII , DRC-LVS.

Challenges:

- Identifying the macro to macro communication by uses of fly-lines was difficult to clear of congestion between macro channels.
- Pin assignment to all macros which are communicating with each other and placing macros nearby to avoid congestion.

Project 2

Role: DRC-LVS

Tools: Innovus

Technology: 16nm

Client: Microchip

Duration: july-2022 to feb-2023

Instance Count: 900K

Frequency: 1000MHz

Responsibilities: PV checks (DRC-LVS)

Challenges:

- Analyze and Fixing some drc violations.

Project 3

Role: PnR

Tools: Innovus

Technology: 28nm

Client: UDS

Duration: sep-2021 to june-2022

Instance Count: 600k

Frequency: 850MHz

Responsibilities:

- Implementation from Netlist toGDSII

Challenges:

- Timing closure was critical as there was only the SVT library as the requirement.
- Analyzing and cleaning congestion and timing.
- Pin assignment to all macros which are communicating with each other and placing macros nearby to avoid congestion

Education Summary

Degree	University	Year of graduation
M.Tech	SriPadmavati Mahila Viswa Vidhyalayam, Tirupati	2021
B.E	JNTU	2018
PU	Department of pre-university	2014
SSLC	AP secondary education board	2012

Personal Profile:

Father's name: T krishnaiah.

Date of Birth: 8 June 1997.

Nationality: Indian.

Languages known: English, Telugu.

Interests & Hobbies: Listening to Music,Drawing.

Permanent Address: Porumamilla (M), kadapa (dist), A.P.

Aadhar Number: 253917427859

Pin Code as per Aadhar: 516193