



## BAMMIDI SAI AKHIL

DESIGN VERIFICATION ENGINEER

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## CAREER OBJECTIVE

To enhance my skills by involving in organization and at the same time striving for excellence and growth compounded by my ability to work under stress, thus getting fruitful results.

## PROFILE

D.O.B : 12-02-2001  
Languages Known : Telugu, English.  
Father Name : Bammidi Tarakeswara rao  
Mother Name : Bammidi Rajyalaxmi  
Address : 1-2-77, kottavuru , palasa ,Andhra pradesh , 532221.

## EDUCATION

Year	Qualification	Institute	CGPA
2022	B.TECH-ECE	GMR Institute Of Technology	7.25
2018	Class XII	Narayana junior college, Visakhapatnam.	93.4%
2016	Class X	Sri Gurukula Vidyalayam	9.2gpa

## Internship/work experience

- ★ Internship in Tech Mahindra Cerium Systems (2/2022 - 6/2022)
  - Worked on writing verification plan using System Verilog and UVM on AHB-APB interface.
- ★ Full time work in Tech Mahindra Cerium Systems (7/2022 - PRESENT)
  - Trained in system verilog and UVM.

## PROJECTS

### AHB-APB PROTOCOL VERIFICATION

- The AHB to APB protocol verification using SV and UVM involves creating a testbench environment that models the protocol behavior.
- UVM provides a framework for creating reusable test components.
- This approach enables efficient and scalable verification of the protocol, reducing the time and effort, overall quality and reliability of the SoC design.

### SMART EYE FOR BLIND

- Implemented a system using Arduino fully mounted on a hat.
- By utilizing the ultrasonic sensor which plays a key role in detecting the objects and gives a buzz sound alert.

### OBSTACLE AVOIDANCE MECHANISM IN WHEEL CHAIR

- Implemented on wheel chairs where an obstacle detected and alerts and changes direction of movement
- Arduino and ultrasonic sensors are mainly used.

## TECHNICAL SKILLS

### Programming :

- VERILOG, SYSTEM VERILOG, LINUX, UVM.

### Tools :

- GVIM editor

## ACTIVITIES AND ACHIEVEMENTS

- Coordinator for ISTE
- Coordinator for Stepcone and conducted technical program on industry defined problems.
- Active RJ In GMRIT community radio 90.4fm.
- Team leader in NSS

## STRENGTHS

- Quick learner
- Deterministic
- Accountable
- Sociable

## HOBBIES

- Playing badminton