



Venkata Sai Chandra Peddiboyina

My Contact

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Technical Skills

- Verilog
- System Verilog
- UVM
- Basics of Linux, Perl and C
- Digital Design
- APB, SPI, UART, I2C, RS-232 Protocols

Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking

Education Background

- Sagi Rama Krishnam Raju Engineering College
Electronics and Communication Engineering
Completed in 2022 | Percentage : 80%
- Sasi Junior College
Intermediate , MPC
Completed in 2018 | Percentage: 98%
- Sri Chaitanya
SSC
Completed in 2016 | Percentage : 100%

About Me

I am a highly motivated individual with a passion for VLSI field and a commitment to continuous learning and professional growth. Currently working as an associate engineer in Cerium Systems for past 10 months and had a good knowledge in **Verilog, SystemVerilog, UVM** and protocols such as APB, UART, SPI, I2C, RS-232.

Professional Experience

Cerium Systems | Associate Engineer
2022–Present

Key responsibilities:

- Developed various Testbench using verilog, SystemVerilog and UVM for various RTL designs.
- Tools used : Putty, Xming, EDA Playground.
- Creating and running simulations and validate the correctness of the design.
- Debugging issues found during simulation, and working with the design team to resolve them.

Projects

- Unsharp Mask Guided Filtering using Matlab.
- FSM, Traffic Controller, FIFO, Single Port RAM using Verilog and EDA Playground.
- APB using Universal Verification Methodology and EDA Playground.

Certifications

- Certified in **DSD, Unix, Verilog** and **UVM** by **Tech Mahindra Cerium Pvt.Ltd.**
- Completed a certification course on **Verilog** HDL: VLSI Hardware Design Comprehensive Masterclass through Udemy.
- Completed a certification course on **SystemVerilog** for Verification through Udemy.

Workshops

- Participated in a 2-day workshop on "Youth Empowerment Skills" at SRKREC in 2018.
- Participated in a 2-day workshop on "Image Sensing Robot" using arduino conducted by TRANCE at SRKREC 2019.
- Participated in a 2-day workshop on "Biped Humanoid Robot" using arduino conducted by TRANCE at SRKREC in 2019.

Achievements

- Secured 'Fourth' place in "Image Sensing Robot" workshop in SRKREC.
- Qualified in 'Electronics Quiz' organized by 'Trance Fest Team' in SRKREC.
- Secured second place in badminton in college level.

Languages Known

- English
- Telugu
- Hindi

Declaration

I hereby declare that the information mentioned above is true to the best of my knowledge and belief.

P.V.Sai Chandra