SHRUSTI C J

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OBJECTIVE

To succeed in environmental of growth and excellence and to earn a job which provide opportunity for professional challengers in revolutionary ways and self development. Which help me to achieve personal as well as organizational goals.

WORK EXPERIENCE

- **Electronic Hardware Design Intern**
  Wurth Electronik India Pvt. Ltd. Mysore
  (21st July 2021 to 31st Dec 2021)

EDUCATION

- **BE in Electronics and Communication**
  (Pursuing 8th semester)
  Grade: 8.5 CGPA
  Vidyavardhaka College of Engineering
  (2018-2022)-Mysore

- **PUC (12th) – PCMB**
  Sai Angels Pu College
  Grade: Distinction (538/600)
  (2016-2018)-Chikkamagalur

- **10th std**
  St.Joseph's Convent Girls High school
  Grade: (588/625)
  (2015-2016)-Chikkamagalur

TECHNICAL SKILLS

- MS Office
- Verilog HDL
- C Programming
- Knowledge of semiconductor/Verilog HDL/VLSI Design
- Xilinx
- IOT

NON-TECHNICAL SKILLS

- Accuracy and attention to details
- Organization and prioritization
- Strong Communication
- Dedicated
- Flexibility and adaptability

PROJECTS DETAIL

- **Project Name**: Buck-Boost converter using Atmega-16 microcontroller
  Description: In this project the required output DC voltage is to be provided with keypad interfaced to Atmega16 and displayed on 16x2 LCD. It is implemented using necessary switching logic on Atmega16 microcontroller.

- **Project Name**: FPGA based Direct digital synthesis of sinusoids
  Description: In this project we have generated a sine wave using DDS technique on FPGA by Interfacing of two DAC's to generate two sine waves with phase difference and generated sinusoids of specified frequency.

CO CURRICULAR ACTIVITIES

- Participated in **IUCEE** Student Competition on "Oxygen Enriched Air from Plants" **All India Ranking-7** (For COVID patients experiencing Pulmonary Distress and for Post Covid convalescence)
- National Level Ideathon – IEEE Computer Society VVCE
- Participated in Eyantra Robotics Competition organized by IIT Bombay.

EXTRA CURRICULAR ACHIEVEMENTS

- Volunteer as a teacher in NGO (eVidyaloka)
- Participated in Maths Olympiad of Kascade organised by Kshitij 2021,IIT Kharagpur.

ADDITIONAL COURSES AND CERTIFICATION

- Arduino Uno programming (Tequed Labs)
- Participated in 3 days IOT workshop conducted by Vidyavardhaka engineering college
- Course on Modular Electronic Design in Upverter Education

LANGUAGES

- English, Kannada, Hindi