Sheena Selvakumar

Kanniyakumari,Tamil Nadu, India
+917708512704 II sheenajini02@gmail.com II https://www.linkedin.com/in/sheena02/

Education

PSG College of Technology	**October 2020 - July 2024**
Bachelor of Technology in Electronics and Communication Engineering	*CGPA: 8.67*
Sacred Heart International School	**June 2018 - June 2020**
Higher Secondary Education	*Percentage: 95.4%*

Relevant Coursework

• Digital electronics	• FPGA Design	• RDBMS	• Python
• Analog electronics	• Integrated Circuits	• C Programming	• Service now

Experience

Deloitte.	**July 2024 - Present**
Analyst 2	*Mumbai and Chennai*

- Collaborated with consultants and senior consultants to address client requirements and priorities for Wawa Inc., including creating and maintaining AMS trackers, test scripts, flowcharts, and documentation.
- Gained hands-on experience across test, production, and integration environments, ensuring seamless ServiceNow integration for clients.
- Identified and implemented process improvements, enhancing efficiency and client satisfaction.
- Developed customized ServiceNow solutions, aligning with client-specific needs and technical demands.
- Demonstrated strong communication skills, facilitating effective client engagement and solution delivery.

Carrer Prospects

- Aspiring to pursue a Master's degree in Electrical and Computer Engineering with a focus on the semiconductor industry.
- Interested in domains such as digital and analog design, signal processing, and communication systems.
- Passionate about leveraging technical expertise and analytical skills to contribute to innovative solutions in the semiconductor field.
- Strong foundation in VLSI design, MATLAB, and HDL coding, with hands-on project experience.
- Committed to continuous learning and professional development to excel in the dynamic and evolving semiconductor industry.

Projects

Temperature Alert System | *8051 Microcontroller,Assembly language*
- Developed a comprehensive temperature control system with versatile applications, particularly relevant in warehouse and inventory management for ensuring compliance with food safety standards.
- Designed the system to provide real-time temperature data, enabling proactive measures to mitigate the risk of product spoilage or damage, thereby enhancing quality control in the food industry.

4-BIT COUNTER IMPLEMENTATION | *Xilinx Vivado,Basys Zybo Board*
- Successfully implemented a 4-bit counter on the FPGA Zybo Z710 board using Verilog, with LEDs (LED0-LED3) indicating state changes from 0000 to 1111. This project demonstrated expertise in FPGA programming, digital circuit design, and synthesis methodologies

WATER LEVEL MONITORING SYSTEM | *Arduino,Blink,IOT*
- Developed a water level monitoring system for overhead tanks with an LCD display and IoT integration for real-time updates via the Blynk app, automating water pump activation based on predefined thresholds. This solution addresses a common societal issue, enhancing user engagement and operational efficiency.

Technical Skills

Languages: Python,C,Matlab,Verilog,ADS Software
Developer Tools: VS Code,Arduino,Keil IDE,Xilinx VIvado
Technologies/Frameworks: SQL,C,Python,Matlab Toolbox
Soft Skills: Problem-Solving Abilities, Team Player, Time Management, Adaptability,Business Skills

Certifications

- Completed a comprehensive web development course from Smart Knower, gaining essential skills in modern web technologies and scripting languages.
- Undertook an advanced VLSI course from Maven Silicon, acquiring in-depth knowledge of VLSI design principles, methodologies, and low power design techniques.