SUGASHINI T

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PORTFOLIO : https://sugathiyagu.github.io/CV/

PROFILE

Passionate about developing innovative solutions to enhance systems and processes. With a strong foundation in programming and design, I aim to contribute to your team and support the company's growth while continuously learning and exploring new technologies

EDUCATION

ME – VLSI Design, K. Ramakrishnan College of Technology — 2021 – 2023
Anna university , CGPA : 9.57 — India

BE – ELECTRONICS & COMMUNICATION, — 2016 – 2020
K. Ramakrishnan College of Engineering — India
Anna university , CGPA : 8.41

HSC- State Board, Brindavan Higher Secondary School — 2015 – 2016
Percentage : 88% — India

SKILLS

Languages
- C
- CSS3
- HTML5
- VERILOG
- JAVASCRIPT
- SYSTEM VERILOG

Databases
- SQL
- MYSQL
- MONGODB

Frameworks
- BOOTSTRAP

Tools and Software
- XILINX
- TANNER
- MS OFFICE
- MICROWIND
- VISUAL STUDIO

PROJECTS

IMPLEMENTATION OF AREA EFFICIENT APPROXIMATE KARATSUBA USING WALLACE TREE MULTIPLIER. 2023
- Designed Wallace tree multiplier using XOR gate and carry-in prediction techniques to reduce area, power and delay.

IRIS RECOGNITION USING DCNN. 2020
- Developed a DCNN algorithm for semantic segmentation to determine time interval and identify matching iris samples, useful in forensic analysis.

INTERNSHIP

Embedded system Intern, Pantech Protech Ltd | 2020.
- Gained hands-on experience in developing embedded system and applications.

ACHIVEMENTS

- Secured third place as the class topper in the fifth semester | 2018-2019.
- Achieved 69%(ELITE) for the course "System design through Verilog" in NPTEL | 2022.

AREA OF INTEREST

- RTL Code.
- ASIC Design.
- Digital IC Design.
- Digital Electronics.
- Front End Developer.

CERTIFICATES

- Workshop on Intel FPGA for Embedded, AI/ML and heterogeneous application | 2023.
- Workshop on FPGA Design Using Xilinx, Vivado and Mentor Graphics | 2023.
- Diploma in PHP Full Stack Developer | 2023.
- Course completion in C, C++, PYTHON programming | 2021.
- Mini project contest “EINSTACTOMIA” | 2019
- Three day Workshop on Robotics using Arduino | 2018.

CAPABILITIES

- Skilled in managing demanding workloads and deadlines.
- Collaborative team player.
- Eagerness to learn new things.

LANGUAGES

- English
- Tamil

DECLARATION

I hereby declare that the above mention details about me are true to the best of my knowledge and belief.

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