SUGASHINI T

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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	**Databases**	**Frameworks**	**Tools and Software**
• C	• SQL	• BOOTSTRAP	• XILINX
• CSS3	• MYSQL		• TANNER
• HTML5	• MONGODB		• MODELSIM
• VERILOG			• MICROWIND
• JAVASCRIPT			• MS OFFICE
• SYSTEM VERILOG			

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

• 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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