Subathira Shri Devi R

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EPITOME

Driven and adaptable Postgraduate , poised to embark on a career as a software developer. Committed to leveraging strong programming skills, a solid understanding of software engineering principles, and a passion for technology to contribute effectively to innovative projects. Eager to collaborate with a dynamic team, learn new technologies, and make meaningful contributions to the development of cutting-edge software solutions.

SKILLS

C C++ Python Java Html Css Javascript Sql

EDUCATION

2021 - 2023
M.E -VLSI
SBM COLLEGE OF ENGINEERING AND TECHNOLOGY
GPA 8.9 / 10

08/2017 - 09/2021
B.E- ECE
PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY
GPA 8.5 / 10

2016 - 2017
12th
St.Joseph matric higher secondary school
Percentage 92 / 100

2014 - 2015
10th
Ourlady of Lourdes girls higher secondary school
Percentage 98 / 100

PROJECTS

1. Area Delay and Energy Efficient Multi Operand Binary Tree Adder

PROJECT DETAIL: The critical path of the ripple carry adder (RCA) based Binary Tree adder(BTA) is analysed to find the possibilities for delay Minimization.The proposed 32-operand BTA provides the saving of 22.5% in area delay product and 28.7% in energy delay product over the recent Wallace tree adder which is the best among available multi Operand adders. Therefore the proposed BTA design can be better choice to develop the area,delay and energy efficient digital systems for signal and image processing applications.

2. An Improved Energy Efficient Routing Algorithm in Multi Sink WSN

PROJECT DETAIL:Wireless sensor network consist of wireless sensor nodes with base station node.These node send the collected data to the base station.The proposed routing approach is energy aware and real time .A new aggregate routing model and efficient distributed aggregate routing algorithm(EEDARA)that implement the model for achieving node and energy balanced efficient data forwarding where this algorithm designed for Multi Sink Multi path proportion. This EEDARA select the forwarding node that has the highest aggregated weight which effectively improves energy efficiency and Lifetime of networks.

COURSES & CERTIFICATES

Programming in C and C++ at NIIT **Programming in Java at NIIT**

EXTRA CURRICULAR ACTIVITIES

Typewriting

•First Class in Tamil (Higher & Lower) Typewriting

• First Class in English(Higher & Lower) Typewriting

• Completed 8 exams in Hindi conducted by Dakshina Bharat Hindi Prachar Sabha