VANGALA AKSHAY REDDY

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OBJECTIVE

Enthusiastic student with a Bachelor's degree in Electronics and Communication Engineering (AI - ML) from Sr University. Proficient in Python, Java, SQL, and front-end technologies like React.js and Angular. Seeking to contribute to impactful projects in a dynamic environment while deepening my expertise in software development.

EDUCATION

Bachelor of Technology, Sr University 2020 – 2024
Specialization: Electronics and Communication Engineering (AI - ML)

Intermediate (MPC), Sr Junior College 2018 – 2020

SSC, St Ann's High School 2018

SKILLS

Programming Languages: Python, Java, SQL
Web Technologies: HTML, CSS, JavaScript, React.js, Angular
Tools: Git, GitHub

CERTIFICATIONS

Java Programming for Beginners – *HackerRank* View Certificate
Introduction to Front-End Development – *SkillUp* View Certificate
Python – *Internshala*

PROJECTS

Website Using Angular :-
Creating a small website using Angular involves several steps, including setting up your development environment, creating components for different pages, and implementing features like sign-in, add-to-cart, and delete items functionalities.

Portfolio Website Using React:-
Created a responsive portfolio website using React to showcase education, projects, certifications, and skills. Integrated a dynamic "Contact Me" section using APIs for seamless communication.

Design and Analysis of 4-Bit Ripple Carry Adder :-
- Implemented advanced techniques in the design and analysis of a 4-bit Ripple Carry Adder using 180nm CMOS technology.
- Developed and compared various adder circuits using Tanner T-Spice, a transistor-level simulation tool, for digital circuit applications.

- Evaluated time delay and power consumption across technology nodes (180nm, 90nm, 45nm, 32nm).
- Optimized designs for performance in digital circuit applications.

DECLARATION

I hereby declare that the facts given above are genuine to the best of my knowledge and belief.