

Punnam Abhishek

Aspiring software developer

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ABOUT ME

A recent graduate with foundational knowledge of the Java, and front-end development. Eager to start my career as a software developer, learn from experienced professionals, and contribute to exciting projects while building my skills in software engineering.

EDUCATION

Tkr collage of engineering and technology

Electronics and Communication Engineering

2020 - 2024

Grade - 70%

narayana junior collage

Board of intermediate education

2018 - 2020

Grade - 93

zp high school

- 2018

Grade - 83

PROJECTS

8t Sram cell for biomedical application

This project focuses on the design and development of an 8-transistor (8T) Static Random Access Memory (SRAM) cell tailored for biomedical applications. Biomedical devices, such as wearable sensors and implantable systems, require low-power, high-performance memory solutions to process and store critical health data efficiently. Design Optimization: Creating an 8T SRAM architecture with enhanced noise immunity and reduced leakage currents to ensure functionality under varying operating conditions. Low-Power Techniques: Incorporating techniques like voltage scaling and power gating to minimize energy consumption. Simulation and Validation: Using EDA tools to simulate the SRAM cell performance in terms of delay, power, and stability metrics. Biomedical Integration: Evaluating the SRAM cell in the context of biomedical devices, ensuring compatibility with low-power microcontrollers and processors used in health-care applications.

SKILLS

java,html,css, JavaScript, SQL, logical thinking

INTERESTS

Sports, Reading Books