

Sudip Pan

Electronics and Communication Engineering Students

+918900359269
iamsudippan@gmail.com
LinkedIn: [Sudip Pan](#)
Ramjibanpur,
West Medinipur, West Bengal, 721242

Summery

I am a passionate engineering student specializing in Electronics and Communication with hands-on experience in designing and simulating electronic circuits. With skills in Java, MATLAB Simulink, and various engineering tools, I thrive in both team and individual settings. My recent internship in the railway sector and my project work demonstrates my commitment to applying engineering concepts to real-world applications.

Skills and Strength

Skills

- C/C++
- Matlab Simulink
- Circuit Design
- Communication System
- PCB Design
- Cadence Virtuoso
- Microprocessor & Microcontroller
- Computer Architecture
- Embedded C
- IoT
- VHDL
- ADC/DAC
- Web development (HTML, CSS, JS, React-JS, Tailwind-CSS)

Strength

- 1 Advanced problem solving skills
- 2 Strong communication skills
- 3 Hard working
- 4 Technical Documentation
- 5 Adaptable
- 6 Attentive

With strong problem-solving, communication, adaptability, and attention to detail skills, I'll drive business growth, improve efficiency, and enhance customer satisfaction. I'll deliver high quality results, reduce costs, and contribute to the company's success, making me a valuable asset to the team and supporting its goals.

Projects

High Gain Amplifier using CMOS technology

08/2025 - 10/2025

This project involves designing and simulating a high-gain amplifier using CMOS technology

- Designed and simulated a high-gain amplifier using CMOS technology
- Achieved high gain-bandwidth product while minimizing power consumption and noise
- Utilized suitable topology, optimized transistor sizing, and frequency compensation techniques
- Verified the design using simulation tools
- Contributed to applications in communication systems, sensor interfaces, and biomedical devices

Internship

Eastern Railway S &T Department

Education

Ramkrishna Mahato Government Engineering College, Purulia

2022 – Present

Bachelor of Technology — Electronics and Communication Engineering

Class XII

WBCHSE

2021

Class X

WBBSE

2019